



**Math 0306.237H1**  
**Foundations of Math Reasoning**  
**Steam, Bldg. #22, Room 107**  
**Fall 2024**  
**TTH: 5:30 – 7:20 PM**  
**Hybrid**

**This is a Hybrid course. You will have some in class instruction and will be responsible for learning some of the material online via lecture videos/handouts provided by me AND/OR the provided Pearson resources.**

**Instructor Information:** Kristi Kelley, [kkelley9@com.edu](mailto:kkelley9@com.edu) , 409-933-8287

**Student hours and location:** M: 11:30 – 1:30 PM in STEAM 325.05  
T: 2:30 – 3:30 PM in Tutoring Center  
T: 3:45 – 4:45 PM in STEAM 325.05  
W: 11:30 – 1:30 PM in STEAM 325.05  
TH: 3:30 – 5 PM in STEAM 325.05  
You can come to student hours in person or meet virtually via Teams.  
Office location: STEAM 325.05  
[Join the Virtual Office Hours](#)

Send me an E-mail if you'd like to meet virtually during office hours.

**Microsoft Teams:** [Join the class team](#) by clicking the link or by using the join code: **i8pwt6u**  
You need to use your COM credentials when logging into Microsoft Teams. You may need to un-install Teams and re-download the version for schools.

**Remind101:** To get reminders about assignments that are due and to be able to message me from your phone using the Remind101 app, join your class's Remind101 by following the instructions below:

- 1) Download Remind101 from the app store on your smart phone
- 2) Create a username and password. You MAY need to use your COM email address as your username.

**Method 1**

- 3) Go to Add Class on the app
- 4) Type in the code **@6e38b7a**. (You do not need to type in the @ symbol)

**Method 2**

- 3) Open the syllabus on your smart phone by going to D2L on your phone. (Can go to D2L by using the Pulse Bright Space app)
- 4) Click the link [Join Remind101](#) and click the Join button in the top right corner.

**Required Textbook/Materials:** Prealgebra, 8<sup>th</sup> edition, by Elayn Martin-Gay

Minimally, you are required to purchase the access code for MyMathLab to access the eText for the textbook and all course assignments. A hard copy of the textbook is recommended, but not required.

**The cost of the access code is included in tuition for this course AS LONG AS YOU DID NOT OPT OUT OF INCLUSIVE ACCESS!! You will go to D2L to access MyMathLab.**

**Required Technology:** A TI-30XIIS calculator is required for this course. A TI-83 or higher (graphing calculators) or a TI-Nspire are **not permitted**. Internet capability is also required to gain access to course materials and online assignments via MyMathLab software.



**Recommended Materials:**

- A small 3 ring binder (to keep class notes in)
- Spiral bound notebook (to do your homework in) OR notebook paper and a bradded folder
- Pens and Pencils (You **MUST** complete your exam with a pencil or ERASEABLE pen )
- index cards
- highlighters

*Points may be deducted for use of a non-erasable pen.*

**Course Description:** This course prepares students for a college-level courses in either Statistical Reasoning or Contemporary Mathematics. Topics include: numeracy with an emphasis on estimation and fluency with large numbers; evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving equations; linear models; data interpretations, including graphs and tables; verbal, algebraic and graphical representations of functions; exponential models.

**Course requirements:**

- **Homework:** Online MyMathLab homework assignments will be given each week for every section covered in the course. Homework assignments will count as 15% of your final grade. There *may* be additional homework assignments assigned during class throughout the semester.
- **Participation:** This grade will be based on your attendance, punctuality, and participation in the Math 0306/1342 co-requisite course you are enrolled in . Coming to class late, leaving early, being on your cell phone during lecture time, and not participating in class (not taking notes, not working on assigned problems, etc.) can result in a decrease in your participation grade. Your participation grade will count as 5% of your final grade.
- **Unit Exams:** Four exams will be given. The first two exams are short answer paper exams given in class. The last two exams will be short answer online exams taken online. For the in-class exams, a paper review will be provided. For the online exams, an online MyMathLab review will be provided. To be successful on the exams, it is crucial for you to complete the exam reviews and have a strong understanding of the material. Questions on the exam can come from reviews, homework problems, or quiz problems. Each test will count as 15% of your grade. The exams count as 60% of your grade.

*We will review for the exam in class IF time permits.*

- **Final Exam:** The final exam is comprehensive. The final exam will count as 20% of your grade and will replace your lowest exam grade if it is higher.

**Determination of Course Grade/Detailed Grading Formula:**

*Grading Formula:*

The course average will be determined using the following formula:

$$\text{Final Average} = .60(\text{Exam Average}) + .20(\text{Final Exam}) + .15(\text{Homework}) + .05(\text{Participation})$$

*Grading Scale:*

The course grade will be determined using the following scale:

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| Grade A: Final Average [89.5, 100]  | Grade B: Final Average [79.5, 89.5) |
| Grade C: Final Average [69.5, 79.5) | Grade D: Final Average [59.5, 69.5) |
| Grade F: Final Average [0, 59.5)    |                                     |

**Submitting Exam Scratch Work for Online Exams**

-You will be **REQUIRED** to submit scratchwork for the two online exams. You will submit your scratchwork to D2L as a SINGLE PDF file. There will be a slot in Assignments in the top toolbar in D2L for your scratchwork submission for each exam. I will grade your scratch work. Problems that lacks work to support your answer, will lose points.

-Exam scratchwork needs to be submitted using the following criteria or will not be accepted:

- 1) Pages must be numbered and submitted in the correct order
- 2) Problems must be numbered and worked according to the methods provided in the instructor's lecture videos and/or Pearson resources. Problems worked via methods not appropriate for this course may not be given credit. **Scratchwork that is not legible will not be graded.**
- 3) You must take pictures of your scratchwork using a smart phone, convert to a **SINGLE PDF FILE** (multiple PDFs will not be accepted) using a PDF converter app such as CamScanner, and upload to D2L within **15 minutes** of completing the exam.

### ***Exam Pre-requisites:***

- **There is a pre-test quiz that contains testing instructions that must be completed prior to the exam opening.** Also, any quizzes over the material covered on that exam must be attempted at least once before the exam review will open. The review for the exam must be at least opened before the testing instructions quiz will open. The testing instructions quiz must be completed before the exam will open. Make sure you are leaving yourself plenty of time to attempt the quizzes and reviews prior to completing the exam.

**Late Work:** Each homework and quiz have a set due date. You can complete homework and quizzes after the due date until 11:59 PM on the day of the exam. Each homework question worked after the due date will receive a 20% late penalty. The late penalty applies only to questions worked after the due date and not the entire assignment.

***Homework and quizzes will close on the day of the exam at 11:59 PM and will not be re-opened.***

**Make-Up Exams:** There are no make-up exams. If you miss an exam, your final exam will replace that exam grade at the end of the semester. If you know you are going to miss an exam, you can take the exam prior to the exam date in the testing center.

***There is NO extra credit for this course.***

**Attendance Policy:** Regular attendance is a critical component to being successful in courses. Students at COM are expected to attend *and participate* in every session of all classes for which they are registered *if possible*. You cannot make-up classes, and it is your responsibility to be punctual and attend class regularly. If you find that you are having trouble arriving on time, adjust your schedule accordingly. Students should consult with their instructors when it becomes necessary to miss a class.

**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 emails within 48 hours excluding weekends and holidays.*

**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 Conduct. 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 section on Standards of Student Conduct and Discipline and Penalties in the online Student Handbook.

**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, Math Department Chair, at (409) 933-8329 or at [lrichardson@com.edu](mailto:lrichardson@com.edu).

## **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/docs/Student\\_Handbook\\_2024-2025\\_v2.pdf](https://www.com.edu/student-services/docs/Student_Handbook_2024-2025_v2.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.*

**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](mailto: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 1<sup>st</sup> 8-week session is October 2. The last date to withdraw from the 16-week session is November 15. The last date to withdraw for the 2<sup>nd</sup> 8-week session is November 26.*

**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](mailto:deanofstudents@com.edu) or [communityresources@com.edu](mailto: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.

Course outline:

Wk.	Dates	Math 0306.237H1 TTH 5:30 – 9:20PM				Due Date	
1	Aug. 19-25	In – class	T	2.1	Introduction to Integers	Su-Aug. 25	
				2.2	Adding Integers		
				2.3	Subtracting Integers		
			TH	2.4	Multiplying and Dividing Integers		
				2.5	Order of Operations		
		Online				Course Syllabus	Su-Aug. 25
			8.3	Rectangular Coordinate System and Paired Data			
			8.4	Graphing Linear Equations in Two Variables			
	8.5	Counting and Introduction to Probability					
				<i>Review for Test 1</i>	<i>T-Aug 27</i>		
				<b>Test 1 (online) – due Tuesday 8/27</b>	<b>T-Aug 27</b>		
2	Aug. 26 - Sept. 1	In – class	T	3.1	Simplifying Algebraic Expressions	Su-Sept. 1	
				3.2	Solving Equations: Review of the Addition and Multiplication Properties		
			TH	3.3	Solving Linear Equations in One Variable		
				3.4	Linear Equations in One Variable & Problem Solving		
		Online			4.1	Introduction to Fractions and Mixed Numbers	Su-Sept. 1
			4.2	Factors and Simplest Form			
3	Sept. 2-8	In – class	T	4.3	Multiplying and Dividing Fractions	F-Sept. 6	
				4.4	Adding and Subtracting Like Fractions, Least Common Denominator, and Equivalent Fractions		
			TH	4.5	Adding and Subtracting Unlike Fractions		
			4.7	Operations on Mixed Numbers			
	Online				<i>Review for Test 2</i>	<i>Sa-Sept. 7</i>	
					<b>Test 2 (online) – due Saturday 9/9</b>	<b>Sa-Sept 7</b>	
				5.1	Introduction to Decimals	Su-Sept 8	
			5.2	Adding and Subtracting Decimals			
4	Sept. 9-15	In-class	T	5.3	Multiplying Decimals and Circumference of a Circle	Su-Sept. 15	
				5.4	Dividing Decimals		
			TH	5.5	Fractions, Decimals, and the Order of Operations		
				5.6	Solving Equations Containing Decimals		
				5.7	<b>Decimal Applications: Mean, Median, and Mode</b>		
		Online				<i>Review for Test 3</i>	<i>T- Sept. 17</i>
			6.1	Ratios and Rates	Su-Sept. 15		
			6.2	Proportions			
	6.3	Proportions and Problem Solving					
5	Sept 16-22	In-class	T	<b>Test 3 (In class) – Tuesday 9/17</b>		<b>T-Sept. 17</b>	
				7.1	Percents, Decimals, and Fractions	Su-Sept. 22	
			TH	7.2	Solving Percent Problems with Equations		
			7.3	Solving Percent Problems with Proportions			
		Online			7.4	Applications of Percent Percent and Problem	Su-Sept. 22
	7.5	Solving: Sales Tax, Commission, and Discount					
6	Sept. 23-29	In-class	T	9.2	Perimeter	Su-Sept. 29	
				9.3	Area (No Volume or Surface Area)		
			TH	9.4	Linear Measurement (U.S. and Metric Units of Length)		
			9.5	Weight and Mass (U.S. and Metric Units of Weight and Mass)			
		Online			9.6	Capacity (U.S. and Metric Units of Volume)	Su-Sept. 29
			9.7	Temperature and Conversions Between the U.S. and Metric Systems			
				Review for Test 4			
7	Sept. 30- Oct. 6		T	<b>Test 4 –Tuesday 10/1</b>		<b>T-Oct. 1</b>	
			TH	Review for Final Exam		<i>Su-Oct. 6</i>	
8	Oct. 7- 11		T	<b>Final Exam – Tuesday 10/8</b>		<b>T-Oct. 8</b>	