Math 0315.150CL
Foundations of Algebra
Spring 2022
STEAM Bldg., Room 103
T/Th: 8:00-9:20 am; 9:30-10:50 am
Friday: 9:00-9:50 am

Instructor Information: Mrs. Allison
Email: tallison@com.edu –
***Include** your **course & section in the subject line** when emailing.*
Office phone: 409-933-8369, 1-888-258-8859 extension 8369

Student Hours (Office Hours); Location: STEAM 325-12

1. 11:45 am – 12:15 pm; Mon-Thurs.
2. 3:30-4:00 pm, Monday/Wednesday
3. 1:40-3:55 pm, Tuesday/Thursday

-Schedule a virtual appt for Thursday afternoons using, https://calendly.com/tallison-math/30min
-Make an appointment for a 30-minute session via **Calendly** to meet during my virtual office hours, Thurs afternoons. *You are not required to stay the whole 30 minutes if you do not need it.*
-There will be a link in your calendar to join the session via Teams once you sign up for a session via Calendly.

Required Textbook/Materials

1. Intermediate Algebra, 8th edition, by Tobey, Slater, Blair and Crawford by Pearson. The etext is provided within *My Math Lab*.
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 *My Math Lab* assignments.
3. *MyMathLab (MML)* software is required for this class and Math 1314 (**two separate purchased access codes**). Make sure you use your COM email when registering for *MML* otherwise the account will become inactive since all email communication must be through COM email. You can gain access to *MML* for a few days using temporary access, but you must gain permanent access in *MML* immediately once this has ended, using the **same account**, for grades to count toward your final grade in the course. **Go to your Blackboard (BB) course and locate the BB Coursework category then click on *MyMathLab* link to register for MML.**
4. A **TI-30XIIS calculator** is needed for this course.
5. A free PDF converter app or a printer that can scan documents needed to submit some assignments/scratch work, etc.

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

Course requirements:

My Math Lab (MML) Online Assignments:

The *My Math Lab* software is packaged with the textbook or can be purchased online with a credit card or PayPal. Once you gain access, you are required to successfully complete an online orientation within MML before the online assignments will appear. MML assignments include homework and several online quizzes, and the deadlines for each are provided within MML. The online homework includes homework from each section and test reviews. To help you be better prepared for a testing environment, most study aids are not available for *MyMathLab* homework test reviews. If you do not have a permanent *My Math Lab* access code by Test 2, problems completed with a temporary access code will not count towards your final grade. This means your recorded homework grade/online quizzes will be zero.

MML Online Quizzes:

Online quizzes must be completed in one sitting and are timed. You cannot exit the quiz and come back to it as you can do with homework. When you have answered all the questions, the quiz will be graded online, and your grade will be posted to your gradebook. To see your gradebook, click on the Gradebook button and you can see the scores for all assignments attempted as well as your current average. You can retake each online quiz once to improve your score if the deadline is met **AND** a score of at least 75 is obtained on the sections covered on the quiz. When an online quiz is retaken, the higher quiz grade is used in calculating your overall average. Reviewing a submitted online quiz is only available immediately after submitting.

***MyMathLab (MML)* Homework – Go to your Blackboard (BB) course and locate the BB Coursework category then click on *MyMathLab* link to register for MML.**

There is an assigned homework for each section and each test review. Work problems organized and legibly on notebook paper, so you can reference when asking questions for clarification and for a resource when studying for a quiz/exam.

After registering in MML, you can log into *My Math Lab* through Blackboard *or* www.pearsonmylabandmastering.com

- Click the Log In button and enter your Login Name and Password
- Click on the appropriate class
- Click on HOMEWORK/ASSIGNMENTS button and then the homework assignment you wish to do.

1. To help you be better prepared for a testing environment, most study aids are not available for *MyMathLab* homework test reviews.
2. Enter your answers then click the CHECK ANSWER button.
3. If needed, click the SIMILAR EXERCISE button to redo the exercise.
   Note: You should strive to score at least 80% before moving on to the next section.
4. If the submitted answer is correct, click on the SAVE button to send your results to the gradebook. Your grade will show up in the GRADEBOOK and will be automatically accessible by your instructor.
5. Click on the next question to continue.

Please note that personal computer problems do not excuse the requirement to complete all coursework in a timely and satisfactory manner. If at any time you experience technical problems with your *My Math Lab* account, please contact Pearson's Customer Technical Support.

Other Homework Assignments:
Other homework assignments besides *My Math Lab* will be given during the semester. To receive credit for the questions, follow instructions and show incremental, organized, and legible work. In addition, methods used to solve must match the instructions stated in the problem. Some homework assignment besides *My Math Lab* must be scanned and converted to a single PDF file (using a PDF converter app on your smartphone or a printer at the college) and uploaded to Blackboard. The deadline for each assignment must be met and no retakes are provided. If the homework assignment is not submitted or is not submitted by the deadline, a grade of zero will be recorded for the assignment.

Other Quizzes:
Other quizzes besides *My Math Lab* may be given during the semester. The quizzes can be announced or unannounced and will consist of information contained in homework, textbook, and/or class lectures. To receive credit for the questions, follow instructions and show incremental, organized, and legible work. In addition, use a pencil to show work, and methods used to solve must match the instructions stated in the problem. In-class quizzes are during designated times of the class period and cannot be made up, but the grade from the chapter exam that coincides with the section(s) covered on the quiz will replace the quiz grade if the chapter exam grade is better. Arrive on time to class to ensure you have an opportunity to take the quiz.

Exams:
Four tests plus a comprehensive final will be given. To receive credit for problems, work provided on the tests/quizzes must justify answers using incremental steps. Use a pencil to show work, and tests and quizzes must be finished within the allotted time. Due to departmental policies, you are not allowed to complete tests in a testing facility beyond the allotted class time. There are no retakes on any of the exams.

Being able to use a computer and gain access to the internet is necessary to complete the required online assignments and to have access to test reviews.

Grading Formula

Homework Average (*My Math Lab* & Other Hmwk Assignments)	**10%**
Quiz Average	**10%**
Chapter Test Average	**64%**
Final Exam	**16%**

(Retaking the placement test does not affect your grades in this course. Your grade will be based on the information outlined on the previous page.)

Grading Scale
Grade A: Final average of 90 through 100
Grade B: Final average of 80 through 89
Grade C: Final average of 70 through 79
Grade D: Final average of 60 through 69
Grade F: Final average below 60

Late Work, Make-Up Policy, & Extra-Credit Policy
***My Math Lab* Homework-** Start on your assignments early to have enough time to practice, study, learn the information, and meet deadlines. In some situations, depending on how close the *MyMathLab* homework deadline is to the exam, you can work past the deadline with a 20% penalty. *Only rework or do problems that were not completed successfully by the deadline, because the 20% penalty applies to any problem worked after the deadline. Work problems in*

the IMPROVE GRADE mode, not REVIEW mode. The REVIEW mode will not change your grade for the section. This is not a self-paced class, so deadlines are put into place to assist you with an appropriate pace to promote a productive learning environment.

Other Homework Assignments- The deadline for each homework assignment must be met and no retakes are provided. If the homework assignment is not submitted or is not submitted by the deadline, a grade of zero will be recorded for the homework assignment grade.

Quizzes- You cannot make up a quiz. Also, outside assignments may be given for a quiz grade. 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.

Tests- 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**.

This course mostly likely will not have any extra credit, so practice, study adequately, learn the information, and meet deadlines for the assignments you do have.

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.
Remember: EACH DAY OF THE WEEK, EXCLUDING FRIDAYS, THAT WE MEET COUNTS AS TWO CLASS PERIODS. EACH FRIDAY COUNTS AS ONE CLASS PERIOD.
If some of the 0315 homework assignments have not been attempted before Friday, January 21 an Early Alert referral will be submitted.

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.*
Student Learner Outcomes: Upon successful completion of MATH 0315, students will:

1. Define, represent and perform operations on real and complex numbers.
2. Recognize, understand and analyze features of a function.
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.

4. Identify and solve absolute value and linear inequalities.
5. Model, interpret and justify mathematical ideas and concepts using multiple representations.
6. Model, interpret and justify mathematical ideas and concepts sing multiple representations.
7. Connect and use multiple strands of mathematics in situations and problems, as well as to the study of other disciplines.

Academic Dishonesty: College of the Mainland is committed to a high standard of academic integrity. All students are responsible for honesty and independent effort. Any student found to have been academically dishonest on an assignment, quiz or exam will receive a zero for that assignment without the option to retake and the zero(s) will be used in the overall calculations at the end of the semester. **Using any electronic device other than a TI-30XIIS calculator or an approved scientific calculator on a quiz or test will be considered cheating**.

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 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. If you are not feeling well, let me know in advance of distributing the exam and the exam will be given one page at a time. Therefore, it is strongly advised that students take care of all personal business prior to entering the classroom to take an exam.

Using any electronic device other than a TI-30XIIS calculator or an approved scientific calculator on a quiz or test will be considered cheating.

Tentative Schedule

Week	***Assignment-due date***	
1 Jan. 18, 20, 21	*MyLab Math Orientation – 90% required to gain access to homework.* 1.5 Operations with Variables & Grouping Symbols-***Jan. 23*** 1.6 Evaluating Variable Expressions & Formulas-***Jan. 23*** 2.1 First Degree Equations with One Unknown-***Jan. 23*** 2.4 Solving Word Problems-***Jan. 23*** 2.6 Linear Inequalities-***Jan. 27***	
2 Jan. 25, 27, 28	***Quiz A: Sections 1.5, 1.6, 2.1, 2.3 & 2.4 – Jan. 23- Jan. 26*** Scavenger Hunt Homework Assignment-***Jan. 25 (uploaded in BB)*** 2.3 Absolute Value Equations-***Jan. 27*** 2.8 Absolute Value Inequalities-***Jan. 27*** 3.1 Graphing Linear Equations *(Test 2 info)*-***Feb. 3*** 3.2 Slope of a Line *(Test 2 info)*-***Feb. 3*** Review for Test 1-***Jan. 30***	
3 Feb. 1, 3, 4	***Test 1: 1.5, 1.6, & Chapter 2 – (1st class period on Feb. 1)*** 3.3 Equations of a Line-***Feb. 3*** ***Quiz B: Sections 3.1-3.3 – Feb. 2-6*** 4.1 Systems of Linear Equations-***Feb. 6*** 4.3 Applications of Systems of Equations-***Feb. 6*** Review for Test 2-***Feb. 7***	
4 Feb. 8, 10, 11	***Test 2: Chapters 3, 4 – (1st class period on Feb. 8)*** 1.4 Rules of Exponents (exclude scientific notation)-***Feb. 10*** 5.1 Polynomials: Adding, Subtracting, Multiplying-***Feb. 13*** 5.3 Synthetic Division -***Feb. 13*** ***Quiz C: Sections 1.4, 5.1, 5.3 – Feb. 13-17*** 5.4 GCF, Factor by Grouping-***Feb. 13***	
5 Feb. 15, 17, 18	5.5 Factoring Trinomials-***Feb. 17*** 5.6 Special Case Factoring- ***Feb. 17*** 5.8 Solving Equations by Factoring-***Feb. 20*** 6.1 Rational Expressions, Simplifying, Multiply, Divide *(Test 4 Info)*-***Feb. 27*** Review for Test 3-***Feb. 21***	
6 Feb. 22, 24, 25	***Test 3: 1.4 & Chapters 5 – (1st class period on Feb. 22)***	*Math 1314* 1.1 Introduction to Graphing-***Feb. 27*** 1.2 Functions and Graphs-***Feb. 27***

	6.1 Rational Expressions, Simplifying, Multiply, Divide-***Feb. 27*** 6.2 Add/Subtract Rational Expressions-***Feb. 27***	
7 Mar. 1, 3, 4	*Math 0315* 3.6 Graphing Functions-***Mar. 6***	*Math 1314* 1.3 Linear Functions, Slope & Applications-***Mar. 3*** 1.4 Equations of Lines-***Mar. 3*** 1.5 Linear Equations, Functions, Zeros, Applications-***Mar. 3*** ***Quiz A (Sections 1.1-1.5) – Mar. 3-7*** 2.1 Increasing, Decreasing, and Piecewise Functions-***Mar. 6*** 2.2 The Algebra of Functions-***Mar. 10***
8 Mar. 8, 10, 11	*Math 0315* 7.2 Radical Expressions and Functions (square root only)-***Mar. 13*** 7.3 Simplifying, Adding and Subtracting Radicals-***Mar. 13***	*Math 1314* 2.2 The Algebra of Functions-***Mar. 10*** 2.3 The Composition of Functions-***Mar. 10*** 2.5 Transformations-***Mar. 13*** Test 1 Review-***Mar. 21***
9 Mar. 22, 24, 25	*Math 0315* 7.4 Multiplying, Dividing Radicals-***Mar. 27*** ***Quiz D: Sections 7.2, 7.3, 7.4 – Mar. 27-31***	*Math 1314* ***Test 1 (Chapters 1 & 2) – (1st class period, Mar. 22)*** 3.2 Quadratic Equations, Functions, Zeros, Models-***Mar. 24*** 3.3 Graphs of Quadratic Functions-***Mar. 27*** 4.1 Polynomial Functions-***Mar. 27***
10 Mar. 29, 31, Apr. 1 *April 1-TVB, Rm 1344*	*Math 0315* 7.6 Complex Numbers (exclude division)-***Apr. 3***	*Math 1314* 4.2 Graphing Polynomial Functions-***Mar. 31*** 4.3 Remainder and Factor Theorems-***Mar 31*** 4.5 Rational Functions-***Apr. 3*** 4.6 Polynomial and Rational Inequalities-***Apr. 3*** ***Quiz B (Sections 3.2, 4.3 & 4.5) – Apr. 2-6***
11 Apr. 5, 7, 8	*Math 0315* Review for Test 4-***Apr. 10***	*Math 1314* Test 2 Review-***Apr. 6*** 5.1 Inverse Functions (*Test 3 info*)-***Apr. 10*** ***Test 2 (Chapters 3, 4) – (1st class period, Apr. 7)*** 5.2 Exponential Functions and Graphs-***Apr. 10***
12 Apr. 12, 14, *15	*Math 0315* ***Test 4: 6.1, 6.2, 3.6, 7.6- (1st class period, Apr. 12)*** **April 15-Holiday**	*Math 1314* 5.3 Logarithmic Functions and Graphs-***Apr. 14*** 5.4 Properties of Logarithmic Functions-***Apr. 17*** ***Quiz C (Sections 5.1-5.3) – Apr. 14-18*** 5.5 Solving Exponential & Logarithmic Eqs- ***Apr. 17***
13 Apr. 19, 21, 22	*Math 0315* Comprehensive Final Exam Review-***Apr. 24***	*Math 1314* 5.6 Applications-***Apr. 20*** Test 3 Review-***Apr. 20*** ***Test 3: Chapter 5 – (1st class period, Apr. 21)*** 6.1 Systems of Equations in Two Variables-***Apr. 24*** 6.3 Matrices and Systems of Equations-***Apr. 28***

14 Apr. 26, 28, 29	*Math 0315* ***Comprehensive Final Exam-(1st class period, Apr. 26)***	*Math 1314* 6.3 Matrices and Systems of Equations-***Apr. 28*** 6.2 Systems of Equations in Three Variables-***May 1*** 6.4 Matrix Operations-***May 1*** Test 4 Review-***May 4*** ***Quiz D (Sections 6.1-6.4) –Apr. 30-May 3***
15 May 3, 5, 6		*Math 1314* Test 4 Review-***May 4*** Review for Comprehensive Final Exam-***(2nd class period, May 3)*** ***Test 4 – (1st class period, May 5)*** Review for Comprehensive Final Exam-***(2nd class period, May 5, and class on May 6)***
16 May 10, 12, 13		*Math 1314* ***Comprehensive Final Exam – (2-hr exam, May 10)*** ***Class ends on May 10.***

PLEASE NOTE: The syllabus is subject to change at the discretion of the instructor.
W-Day – April 25, 2022 Census Day – February 2, 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 career. 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 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.

Counseling Statement: Any student that is 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 setup their appointment.

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 only permitted to withdraw six times during their college career by State law. The last day to withdraw is April 25, 2022.

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.