Math 0320.036IN (ONLINE)
Intermediate Algebra
Spring 2021
Tues/Thur 9-11:40 am

<u>MML COURSE ID CODE</u>: chuter18041

Instructor Information: **Tina Chuter**
email: tchuter@com.edu
Phone: (713) 647-2205

Student Hours (Office Hours)/Microsoft Team Meetings:

Tues/Thur: 9:30-11:50 am MS Teams Live Meetings (weeks 1-6)
Tues: 10-10:50 am MS Team Live Meetings (weeks 7-15)

Fri: 9-9:50 am Recorded Reviews posted on MS Teams

Tues/Thur: 9-9:30 am and 11:50 am -12:30 pm } **Office Hours (weeks 1-6)**

Tues: 9-9:30 am and 11:50 am -12:30 pm } **Office Hours (weeks 7-15)**

Help is available outside of Team Meeting times and office hours upon request.

Required Textbook: <u>Intermediate Algebra</u>, 8th edition, by Tobey, Slater, Blair and Crawford by Pearson

Required Technology:

- **Technology:** *MyMathLab* software is required for this class and Math 1314 (two separate purchased access codes), and make sure you use your COM email when registering for *MyMathLab*. You can gain access to *MyMathLab* for a few days using temporary access, but you must gain permanent access in *MyMathLab* immediately once this has ended for grades to count toward your final grade in the course.

- A **TI-30XIIS calculator** is needed for this course.

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. This course does not transfer.

Course requirements:

Being able to use a computer and gain access to the internet is necessary to complete the required assignments, tests and final exam. Course lectures will be posted on MS Teams.

Homework Assignments:

There is assigned homework for each section to be done online using *MyMathLab*. A review for each test will be posted on Teams prior to taking each test. You are required to complete all homework and watch the review before taking each test. You are allowed to redo homework problems missed for full credit as long as you meet the deadline. After the deadline, a 20% penalty will be assessed on the homework assignment and can be worked on until the test covering that material is taken.

Quizzes and Exams:

There are four quizzes, four tests, and a comprehensive final exam 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. The second quiz attempt must be completed within 48 hours of the first quiz. There are no retakes on any of the tests, and there is only one attempt for each test and the final exam. Quizzes and tests must be completed in <u>one sitting and are timed</u>. **If you have problems with your computer or internet in the process of taking a test, contact the instructor immediately.**

<u>Grading Formula</u>

***My Math Lab* Homework**	**10%**
Quiz Average	**10%**
Chapter Test Average	**60%**
Final Exam	**20%**

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

<u>Grading Scale</u>

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

<u>Make-Up Policy</u>

Quizzes-You cannot make up a quiz.

Tests- If you miss a test, the grade you make on the Final Exam will be substituted for the missing test grade. All other missed tests will have a grade of 0.

MyMathLab Homework:
There is an assigned homework for each section.

1. Log into *My Math Lab*:
    - Go to www.pearsonmylabandmastering.com
    - Click the Log In button and enter your Login Name and Password
    - Click on the appropriate class
    - Click on HOMEWORK button and then the homework assignment you wish to do.
2. Use the "Show Me How" aids when needed and complete the homework assignment.
3. Enter your answers then click the CHECK ANSWER button.
4. If needed, click the SIMILAR EXERCISE button to redo the exercise.
   Note: You should score at least 80% before moving on to the next section.
5. 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.
6. Click on the next question to continue.

Attendance Policy: Students at COM are expected to participate in every course for which they are registered. Per COM policy, students are required to log on to their course at least twice per week but would suggest logging in each day to complete the necessary assignments on time that are required of this course. In addition to time spent doing homework, taking quizzes and exams it will be necessary to study, using the course material, at least 4 hours per week to be successful in the 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 your email as quickly as possible (usually within 24 hours). **It is your responsibility to check your COM email and MS Teams class daily.** In case of an emergency, please contact me via my cell phone.

Student Learner Outcomes: Upon successful completion of MATH 0320, 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. 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 be 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 of *Standards of Student Conduct and Discipline and Penalties* in the on-line 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 lrichardson@com.edu.

Course Outline:

Week	**Math 0320**	**Due Date (by 11:59 pm)**
1 Jan 18-24	*MyLab Math Orientation – 90% required to gain access to homework.* 1.5 Operations with Variables & Grouping Symbols 1.6 Evaluating Variable Expressions & Formulas 2.1 First Degree Equations with One Unknown 2.4 Solving Word Problems *Flip Grid Video (Topic – Introduction)*	HW – Jan 24th
2 Jan 25-31	2.6 Linear Inequalities 2.3 Absolute Value Equations **Quiz A: Sections 1.5, 1.6, 2.1, 2.3 & 2.4 – Jan 26th-28th** 2.8 Absolute Value Inequalities Review for Test 1	**Quiz A – Jan 28th** HW – Jan 31st
3 Feb 1-7	**Test 1: 1.5, 1.6, & Chapter 2 – Feb 3rd** 3.1 Graphing Linear Equations *(Test 2 info)* 3.2 Slope of a Line 3.3 Equations of a Line	**Test 1 – Feb 3nd** HW – Feb 7
4 Feb 8 - 14	**Quiz B: Sections 3.1-3.3 – Feb 10th-12th** 4.1 Systems of Linear Equations 4.3 Applications of Systems of Equations Review for Test 2 1.4 Rules of Exponents (exclude scientific notation) (Test 3 material) – **due 2/21**	**Quiz B – Feb 12th** HW – Feb 14

5 Feb 15-21	**Test 2: Chapters 3, 4 - Feb 17th** 5.1 Polynomials: Adding, Subtracting, Multiplying 5.3 Synthetic Division **Quiz C: Sections 1.4, 5.1, 5.3 – Feb 17th-Feb 19** 5.4 GCF, Factor by Grouping	**Test 2 – Feb 17th** HW – due Feb 21st **Quiz C – Feb 19th**
6 Feb 22-28	5.5 Factoring Trinomials 5.6 Special Case Factoring 5.8 Solving Equations by Factoring Review for Test 3	HW – Feb 28th
7 Mar 1-7	**Test 3: 1.4 & Chapters 5 – Mar 3rd** 6.1 Rational Expressions, Simplifying, Multiply, Divide	**Test 3 – Mar 3rd** HW – Mar 7th
8 Mar 8-14	6.2 Add/Subtract Rational Expressions	HW – Mar 14th
Mar 15-21	**Spring Break**	
9 Mar 22-28	6.4 Rational Equations	HW – Mar 28th
10 Mar 29- Apr 4	7.2 Radical Expressions and Functions (square root only) 7.3 Simplifying, Adding and Subtracting Radicals	HW – Apr 4th
12 Apr 5 - 11	7.4 Multiplying, Dividing Radicals **Quiz D: Sections 7.2, 7.3, 7.4 – Apr 9th-11th**	HW – Apr 11th **Quiz D – Apr 11th**
12 Apr 12-18	7.6 Complex Numbers (exclude division)	HW- Apr 18th
13 Apr 19-25	Review for Test 4	
14 Apr 26- May 2	**Test 4: Chapter 6 & 7.6 – Apr 28th** Review for Comprehensive Final Exam	**Test 4 – Apr 28th**
15 May 3-9	**Comprehensive Final Exam – May 5th**	**Final Exam - May 5th**
16 May 10-14		

Course outline:
PLEASE NOTE: The syllabus is subject to change at the discretion of the instructor.
Census Day – February 3
W-Day – April 26

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

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 date to withdraw is March 3rd for the 1st 8-week session, **April 26** for the 16-week session, and May 5th for the 2nd 8-week session.

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.

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.. Students are required to watch a training video, complete the self-screening, and acknowledge the safety guidance at: www.com.edu/selfscreen. In addition, students, faculty, and staff must perform a self-screening prior to each campus visit. Finally, students, faculty, or staff which have had symptoms of COVID-19, received a positive test for COVID-19, or have had close contact with an individual infected with COVID-19 must complete the self-report tool.