I Course Information

Meeting Time & Place: MTWR 12:00-1:50, ST 108
Professor: Dr. Pablo Tarazaga
Office: CI 316
Office Phone: (361) 825-3629
Office Hours: MTWR 10:00-11:00 am,
Email: pablo.tarazaga@tamucc.edu

II. COURSE DESCRIPTION

Topics of this course include algebra of real numbers, linear equation and inequalities, graphs, linear systems of equations, polynomials and factoring, rational expressions, roots and radicals, quadratics equations, functions and application problems.

III. PREREQUISITES

Successful completion of MATH 0398 or qualifying placement testing score.

IV. TEXT AND OTHER SUPPLIES REQUIRED


V. STUDENT LEARNING OUTCOMES

Through this course students will be able to

- Identify and use the properties of real numbers.
- Perform basic operations with real numbers using the properties that govern these operations.
• Use these properties to operate with powers and radicals simplifying and rationalizing denominators.
• Solve linear equations and linear inequalities. Use them to solve application problems.
• Graph the lines corresponding to linear equations.
• Learn technique to find the equation of a line given certain parameters (points and slopes).
• Graph the line corresponding to a particular linear equation using points and slopes.
• Graph linear inequalities, including absolute value inequalities.
• Graph the solutions of equations and inequalities.
• Solve systems of equations and apply them to solve application problems.
• Identify polynomials and learn how to perform basic operations with polynomials.
• Factor simple polynomials using different techniques.
• Use factoring as a way to solve quadratic equations.
• Learn how to do operations with rational expressions and radicals using the properties that we know.
• Solve the general quadratic equation and apply it to application problems.
• Graph quadratic equations and interpret the solutions.

VI. INSTRUCTIONAL METHODS AND ACTIVITIES

The class uses lecture format encouraging student participation and discussion.

VII. PERFORMANCE EVALUATION AND GRADING.

The methods of evaluation and the criteria for grade assignments are:

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<table>
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<tbody>
<tr>
<td>Quizzes</td>
<td>30%</td>
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<tr>
<td>Midterm</td>
<td>35%</td>
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<tr>
<td>Final Exam</td>
<td>35%</td>
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Grading Scale - Grades will be no stricter than:

A = 90 – 100
B = 80 – 89.99
C = 70 – 70.99
IP = Below 70.

We will have several quizzes, a midterm and a final exam. Problems in the tests will be similar (not necessary equal) to the assigned problems in the homework for every section. All quizzes and test will include rules and properties you need to know to solve your problems.

Homework will be assigned at the end of each section from the book and will be no collected.
Office hours are a great opportunity to ask more questions about homework. On-campus free tutoring in CASA is another way of getting help with the homework.

No special options, assignments, or alternative grading schemes will be considered for individual students. All graded materials returned to the student are the sole responsibility of the student and must be resubmitted to the professor to receive consideration in grading disputes.

VIII. TENTATIVE COURSE SCHEDULE

<table>
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<tr>
<th>Week</th>
<th>Topics</th>
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<tbody>
<tr>
<td>7/9</td>
<td>8.1 to 8.7 and 9.1 to 9.7</td>
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<tr>
<td>7/16</td>
<td>10.1 to 10.8 and 11.1 to 11.4</td>
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<tr>
<td>7/23</td>
<td>12.1 to 12.7 and 13.1 to 13.3</td>
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<tr>
<td></td>
<td>Midterm</td>
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<tr>
<td>7/30</td>
<td>13.4 to 13.7, 14.1 to 14.6 and 15.1 to 15.2</td>
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<tr>
<td>8/6</td>
<td>15.3 to 15.6 and</td>
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<tr>
<td>August 9</td>
<td>Final Exam (12:00 – 1:50)</td>
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IX. CLASS POLICIES

- Attendance: It will not be part of your grade, but it is required. Exceptions are sickness and emergencies.

- I do expect that you come to each class ready to learn and to participate. Also you have to be prepared to do any required work. You are expected to devote for each hour of class a minimum of two or three hours outside the class working in the subject (some people need more time than others).

- If you are missing a deadline, a quiz or a test, you have to tell me beforehand by any mean, examples: e-mail or phone.

- Grades: After you receive your grades you have up to a week to dispute it. I am the person you can dispute your grade with.

- If at any point during the course you are considering to drop the class, talk to me before you do it. I am here to help you in your learning experience and to help you to succeed in your college career.
Please turn your cellular phones off. Do not disturb the class with them.

**Academic Honesty:** University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, forgery or plagiarism.

**Grade Appeal Process:** As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Rule 13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules.

**Dropping a Class:** I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with me before you decide to drop to be sure it is the best thing to do. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation will NOT automatically result in your being dropped from the class. November 5, 2010 is the last day to drop a class with an automatic grade of “W” this term.

**Disabilities Accommodations:** The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Driftwood 101.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.