I Course Information

- Meeting Time & Place: MWF 9:00-9:50 am CI 102
- Instructor: Melina Wijaya
- Office: CI 356
- Office Phone: (361) 825-3629
- Office Hours: MWF 10:00-10:50 am, TR 9:30-10:50 am, 1:30-2:30 pm, by appointment
- Email: melina.wijaya@tamucc.edu
- Final Exam: Wednesday, May 9 at 8:00-10:30 am

II Course Description

The course continues the development of algebra from MATH 0399, Intermediate Algebra. A review of properties of numbers and linear equations and inequalities is included. Topics are quadratic equations and inequalities, graphs, logarithms, and exponentials, solutions of polynomial equations, and systems of equations.

III Prerequisites

MATH 0399, Intermediate Algebra, or placement into College Algebra

IV Text and Other Supplies Required

- Textbook: *College Algebra*, by Lial, Hornsby, and Schneider, Pearson Addison Wesley, 10th edition. You can also get access to an electronic copy of the book through MyLabsPlus (see next bullet).

- MyLabsPlus (tamucc.mylabsplus.com): You also need MyLabsPlus (MLP) access. If you buy the book at the bookstore, MLP will come bundled with the book, or you can buy it as a standalone access card through the bookstore, or you can get it online with a credit card.

- A TI-89 graphing calculator is required for the course. Other models may be used but will not be supported by the instructor.
V Student Learning Outcomes

The student learning outcomes are:

1. Solve linear equations (with specific unknown variables) and inequalities, recognize and create graphs of linear functions and interpret solve linear models.
2. Solve quadratic equations (includes circles and variations) and inequalities, recognize and create graphs of quadratic functions and interpret and solve quadratic models.
3. Solve polynomial equations and inequalities, recognize and create graphs of polynomial functions and interpret and solve polynomial models.
4. Use exponential expressions and functions to model real world situation and to solve abstract exponential equations.
5. Use logarithmic expressions and functions to model real world situations and to solve abstract logarithmic equations.
6. Model with systems of equations with two variables and solve them using the method of substitution, graphing or elimination with backward substitution.
7. Apply a general understanding of the use of inverse functions (their domains and ranges) and procedures to solve real-world and abstract equations and models.

VI Instructional Methods and Activities

The instructional method is a combination of lectures and student activities. Students are expected to participate through in-class activities, preparation for class meetings, and homework.

VII Evaluation and Grade Assignment

<table>
<thead>
<tr>
<th>Grade Breakdown</th>
<th>Grading Scale</th>
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<tbody>
<tr>
<td>Homework 20%</td>
<td>90-100% A</td>
</tr>
<tr>
<td>Quizzes 30%</td>
<td>80-89.99% B</td>
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<tr>
<td>Exams 30%</td>
<td>70-79.99% C</td>
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<tr>
<td>Final Exam 20%</td>
<td>60-69.99% D</td>
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<td>0-59.99% F</td>
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</tbody>
</table>

Homework (20%) – Homework will be assigned every Friday. It will be assigned through MyLabsPlus. Homework will be available for a week. After one week, homework will be still available for late assignments and 5% deduction per day will be applied. At the end of the semester the lowest homework grade get dropped.

Quizzes (4 at 7.5% each) – The quizzes will be given in class, pencil and paper. They are made to insure that you are doing your homework and are properly prepared for the exams.

Exams (2 at 15% each) – There will be two exams, which will be given in class, pencil and paper. Calculators will be allowed unless otherwise instructed. Test dates are listed on the course schedule.

Final Exam (20%) – The comprehensive final exam will be held on Wednesday, May 9 at 8:00-10:30 am.
### VIII Tentative Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>January 11</td>
<td>R.3</td>
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<td>January 13</td>
<td>R.4</td>
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<tr>
<td>2</td>
<td>January 16</td>
<td>Martin Luther King, Jr. Holiday. NO Class!</td>
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<td></td>
<td>January 18</td>
<td>R.5</td>
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<td>January 20</td>
<td>R.6</td>
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<td>3</td>
<td>January 23</td>
<td>R.7</td>
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<td>4</td>
<td>January 30</td>
<td>1.2</td>
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<td>February 1</td>
<td>1.3</td>
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<td></td>
<td>February 3</td>
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<tr>
<td>5</td>
<td>February 6</td>
<td>1.5</td>
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<td></td>
<td>February 8</td>
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<td>February 10</td>
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<td>6</td>
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<td>1.7</td>
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<td>February 22</td>
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<td>February 24</td>
<td><strong>Exam #1</strong></td>
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<td>March 12-16</td>
<td>Spring Break. NO Class!</td>
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<td>March 28</td>
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<td>April 13</td>
<td><strong>Exam #2</strong></td>
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<td>April 25</td>
<td>5.3</td>
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<td></td>
<td>April 27</td>
<td>Catch Up Day</td>
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<tr>
<td>17</td>
<td>April 30</td>
<td>Review for Final Exam</td>
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</tbody>
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IX Class Policies

• This class is run for the mathematical development of all participants. All students must accept responsibility for participating and consequences of not participating.

• Please turn off phones and electronic devices before coming to class.

• Attendance is expected. It is the only way to do in-class work. Please notify the instructor if you cannot attend class. If a sudden emergency keeps you from class, please notify the instructor when you are able.

• All absences from assessments and exams will be considered unexcused unless they are documented in advance as excusable with the instructor or within 24 hours of the exam in the case of emergencies. No credit will be awarded for unexcuses absences from assessments.

• Help is available from CASA in the Glasscock Memorial Center, your classmates, as well as my office hours. Wherever you get help, please do not wait until the last minute.

• 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. Friday, March 30, is the last day to drop a class with an automatic grade of “W” this term.

• If you miss the date of the final exam you will receive a ZERO. There are no make-ups for the final exam. PLAN AHEAD!!!

X 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.

XI Disability Accomodation

The Americans with Disabilities Act (ADA) is a federal anti-discrimination 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 Corpus Christi Hall 116. 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.
XII  Classroom/Professional Behavior

Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructors ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

XIII  Grade Appeals 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 Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.