I  COURSE INFORMATION

- Instructor: Femi Uzuafa
- Email: zuuafafemi@netzero.net
- Meeting Time & Place: MWF 11:00 AM – 11:50 PM EN - 107
- Final Exam: 12/07 11:00 AM – 1:30 PM EN - 107
- Office Hours: Meet before or after class.
- Office Phone Number: (361) 688-1308 Cell

II  COURSE DESCRIPTION

This course continues the development of algebra from math 0399 (Intermediate Algebra). A review of properties of numbers, linear equations and inequalities. Topics are quadratic equations, inequalities, graphs of logarithms and exponential functions, solutions of polynomial equations, and systems of equations and matrices.

III  PREREQUISITES FOR THE COURSE

Math 0399, Intermediate Algebra, or placement into College Algebra.

IV  TEST AND OTHER SUPPLIES REQUIRED

- MyLabsPlus (required): You need MyLabsPlus access for the homework. If you buy the book “new” at the book store the access code should come bundled with the book. It is also available as a standalone access card at the bookstore or you can buy it online with a credit card when you first log in. To login to the website (tamucc.mylabsplus.com) use your S.A.I.L. username and password.
- A TI-83, TI-83 plus, TI-84 or other models may be used but will not be supported by the instructor.

V  COURSE OBJECTIVE

The student learning outcomes are:

1. Solve linear equations (with specific unknown variable) and inequalities, recognize and create graphs of linear functions, interpret and solve linear models.
2. Solve quadratic equations (include circles and variations) and inequalities, recognize and create graphs of quadratic functions, interpret and solve quadratic models.
3. Solve polynomial equations and inequalities, recognize and create graphs of polynomial functions, interpret and solve polynomial models.
4. Use exponential expressions and functions to model real world situations and 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 by the instructor, student activities, and student participation by doing problems in class (include going to the board to solve problems and group activities).

VII EVALUATION AND GRADE ASSIGNMENT
The methods for evaluation and the criteria for the grade assignments are:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>5%</td>
</tr>
<tr>
<td>Home work</td>
<td>16%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>3%</td>
</tr>
<tr>
<td>CASA “about”</td>
<td>5% (Bonus)</td>
</tr>
<tr>
<td>Regular Quizzes</td>
<td>8%</td>
</tr>
<tr>
<td>Reading Assignment Quizzes</td>
<td>3 - 5% (Bonus)</td>
</tr>
<tr>
<td>Four Major Exams:</td>
<td>48% (Each 12%)</td>
</tr>
<tr>
<td>Comprehensive Final Exam:</td>
<td>20%</td>
</tr>
<tr>
<td>Positive Effort</td>
<td>2 - 4% (Bonus)</td>
</tr>
</tbody>
</table>

GRADING SCALE:
Grades of 90-100%=A, 80-89.99%=B, 70-79.99%=C, 60-69.99%=D and below 59.99%= F

Note: You must score 51% of the final comprehensive exam to pass this course, regardless of your semester average.

- Attendance is Mandatory – Attendance is extremely important in mathematics. Students are expected to attend all scheduled classes regularly and punctually. Your attendance in this class is crucial to the successful completion of this course. It will be to the student’s advantage to take good notes. Perfect attendance and not leaving the classroom during class without instructor’s permission is considered an example of POSITIVE EFFORT and will be rewarded. Leaving the room during the allotted class-time, WITHOUT PRIOR APPROVAL OF YOUR
**INSTRUCTOR** disrupts the classroom activities, as well as your instructor, and therefore, it is considered an absence. Attendance will be checked at the beginning or the end of each class. Make sure you sign in. Absences in the class may impact your final grade. Please save absences for emergencies. Any adjustments or corrections to the schedule or other policies will be announced in class and it is the responsibility of the student to stay informed of such changes.

- **Homework** – homework will be assigned through MyLabsPlus. All late assignments will receive a 20% deduction. At the end of the semester the two lowest homework grades get dropped.
- **Quizzes** – There will be announced and unannounced quizzes given in class or MyLabsPlus.
- **Test** – There will be four tests, which will be given in class. The top three scores will count towards the test average and the lowest one will be dropped.
- **Final Examination** – The comprehensive final exam will be held according to the school final exam scheduled date and time (**Friday December 07, 2012**)

**READING ASSIGNMENT**
Your reading assignment includes, reading at least 2 to 3 lessons ahead of class lecture and practice how to solve the examples in the lessons. There will be quizzes based on the examples on each new lecture sections per as scheduled. This will worth three to five percent bonus towards your final grade. To help you in this endeavor, you are strongly advised to go to Khan Academy web site to use lecture videos online at your convenient before each class.

**THOUGHTS FOR OUR TIME by Laura:**

When I was in middle school, my worst subject was math. I just couldn’t understand it. But then I realized that the reason some people do so well in school or in sports is because they study more and they practice a lot.

---- Laura Schultz, 15, Madison, Wis. ----
### VIII. TENTATIVE COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic: Textbook Sections</th>
<th>Suggested Textbook Exercises &amp; Review</th>
</tr>
</thead>
</table>
| 1    | August 22
     August 24       | Introduction and Review. Ch. 1.1, 1.2, |                                      |
| 2    | August 27, 29 & 31    | Ch. 1.3, 1.4              |                                      |
| 3    | September 3
     September 5 & 7 | Labor Day, No Class
     Ch. 1.4 cont. 1.5        |                                      |
| 4    | September 10, 12 & 14 | Ch. 1.6 & 1.7              |                                      |
| 5    | September 17, 19 & 21 | Ch. 1.8, **Review & Test #1** |                                      |
| 6    | September 24, 26 & 28 | Ch. 2.1, 2.2 & 2.3         |                                      |
| 7    | October 1, 3 & 5      | Ch. 2.4, 2.5, 2.6 & 2.7   |                                      |
| 8    | October 8, 10 & 12    | Ch. 2.8, **Review & Test #2** |                                      |
| 9    | October 15, 17 & 19   | Ch. 3.1, 3.4 & 3.5         |                                      |
| 10   | October 22, 24 & 26   | Ch. 3.6 & 4.1              |                                      |
| 11   | October 29 & 31
     November 2       | Ch. 4.1, 4.2 & 4.3         |                                      |
| 12   | November 5, 7 & 9     | Ch. 4.4, **Review & Test #3** |                                      |
| 13   | November 12, 14 & 16  | Ch. 4.5, 4.6 & 5.1         |                                      |
| 14   | November 19, 21 & 23  | Ch. 5.2 & 5.3
     Thanksgiving |                                      |
| 15   | November 26, 28 & 30  | Ch. 5.7, 5.8 **Review & Test #4** |                                      |
| 16   | December 3, 5 & 7     | **Review and Final Exam**  |                                      |
IX  CLASS POLICIES

• The use of cell phones and electronic devices in class is not permitted at any time. If a student is caught using either during a quiz or exam, it will be considered as cheating and may warrant an “F” for the assignment.

• No credit will be awarded for unexcused absences on days tests or quizzes are given. In the case of an emergency, contact the instructor within 24 hours of the test or quiz and a makeup will be given if appropriate documentation is provided.

• There is no make-up for the final exam. You will receive a zero if you miss the exam on the scheduled date and time.

• You are expected to show respect to the instructor and other students. Each student is responsible for making up missed lectures.

• Students are expected to maintain the integrity of the University by following all the guidelines set out in the Standards of Student Conduct in the University Handbook located online at www.tamucc.edu

• Dropping a Class: Please consult with me before you decide to drop, to be sure it is the best thing to do. Should dropping the class be the best course of action, you must initiate the process by going to the Student Services Center and filling out a course drop form. Just stopping attendance will NOT automatically result in you being dropped from the class. Friday November 2nd, 2012 is the last day to drop a class with an automatic grade of “W” this term.

• Help/Tutoring: Available through CASA in the Glasscock Memorial Center, as well as before and after class hour. You would want to get help now, please do not wait until the day before the test or exam.

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 materials, forgery or plagiarism.

XI  DISABILITY ACCOMMODATION

The American 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 Driftwood 101.
XII GRADE APPEAL PROCESS

As stated in the 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 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 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.

XIII EMERGENCY MASS NOTIFICATION

Texas A&M University-Corpus Christi uses a comprehensive alert system to send students, faculty and staff messages during emergency situations. The notifications include emails and text as appropriate. These emergencies can include hurricane warnings, school closures, delays and evacuations.

Students must submit a form requesting their phone and email for such notifications when they register. Updates can also be made through SAIL.

Faculty and Staff can update their Code Blue contact information through HR Connect.

Code Blue Emergency Notification System

The University uses a third-party emergency notification system that has the ability to contact students and employees by work phone, cell phone, text message and/or email. The severity of the emergency will determine how many forms of contacts are used.

- A phone or text message will come from:
  - 361-825-7777 emergency
  - 361-825-5700 non-emergency

- An email alert will come from:
  - TAMUCC Code Blue (codeblue@tamucc.edu)
  - Texas A&M-Corpus Christi (notices@tamucc.edu)

The Code Blue Emergency Notification system can also reach classroom telephones and each of the residences at Camden Miramar. For more information call Institutional Advancement at 361-825-2420 or the University Police Department at 361-825-4444.
* The instructor reserves the right to amend this syllabus as necessary.
* All information outside the instructor’s domain, like final exam and course drop date, times, and phone numbers etc. is the responsibility of the student to verify that the information in this First Day Handout is correct.

I, _________________________________________ here by certify that I have received the class policies and syllabus and the content therein clearly understood.

**Signature:** _______________________________  **Date:** ______________
Student Contact Information

First Name: ________________________________

Last Name: ________________________________

What is the best way to reach you?

Home Phone Number: ______________________

Work Phone Number: _______________________

Mobile Phone Number: _____________________

Active E-mail Address: _____________________

Please, state what level of Math you have taken before this class:

________________________________________

________________________________________

I, ________________________________ here by certify that I have received the class policies and syllabus and the content therein clearly understood.