I  COURSE INFORMATION

- Instructor: Femi Uzuafa
- Email: uzuafafemi@netzero.net
- Meeting Time & Place: TR 5:30 AM – 6:50 PM CI - 102
- Final Exam: 12/12 3:30 AM – 5:30 PM CI - 102
- Office Hours: Meet before or after class.
- Office Phone Number: (361) 688-1308 Cell

II  COURSE DESCRIPTION

Trigonometric functions, identities, equations involving trigonometric functions, solutions of right and oblique triangles.

III  PREREQUISITES FOR THE COURSE

Math 1314, College Algebra, or placement into Trigonometry.

IV  TEST AND OTHER SUPPLIES REQUIRED

- **Textbook**: Trigonometry, by Lial, Hornsby, Schneider, 9th edition.
- **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 is required, but will not be supported by the instructor.

V  COURSE OBJECTIVE/OUTCOMES

This course is designed to enable students to understand and work comfortably with:

- Trigonometry functions,
- Angles, radian measure, and circular functions,
- Trigonometry identities,
- Inverse trigonometric functions and trigonometric equations, and
- Complex number and polar equations.
VI INSTRUCTIONAL METHODS AND ACTIVITIES
Methods and activities for instructions include:
The instructional method is a combination of lectures of new materials and concepts, class discussion and problem solving analysis using critical thinking techniques; individual written assignments to enhance understanding of new concepts. Discovery method techniques supported by a graphing calculator to view the effects of shifting and translation concepts on the trigonometric functions.
Optional one-to-one discussion time between students and instructor per agreed scheduled time.

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

Attendance: 5%
Home work: 16% (4 exams) or 14% (5 exams)
Class Participation: 3%
CASA (very important): 5% (Bonus)
Regular Quizzes: 8%
Reading Assignment Quizzes: 3 - 5% (Bonus)
Four Major Exams: 48% (Each 12%) - 50% (Each 10%)
Comprehensive Final Exam: 20%
Positive Effort: 2 - 4% (Bonus)

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 (**Wednesday December 12, 2012 3:30 – 5:30 pm**)

**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: <strong>Textbook Sections</strong></th>
<th>Suggested Textbook Exercises &amp; Review</th>
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<tbody>
<tr>
<td>1</td>
<td>August 23</td>
<td>Introduction and Review.</td>
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<td>2</td>
<td>August 28 &amp; 30</td>
<td>Ch. 1.1, 1.2 &amp; 1.3</td>
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<td>3</td>
<td>September 4</td>
<td>Ch. 1.3 cont. &amp; 1.4</td>
<td><strong>Test #1</strong></td>
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<td>September 6</td>
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<td>4</td>
<td>September 11 &amp;</td>
<td>Ch. 2.1, &amp; 2.2</td>
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<td>5</td>
<td>September 13</td>
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<td>6</td>
<td>September 18 &amp;</td>
<td>Ch. 2.3, &amp; 2.4</td>
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<td>September 20</td>
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<td>7</td>
<td>September 25 &amp;</td>
<td>Ch. 2.5 &amp; <strong>Test #2</strong></td>
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<td>8</td>
<td>September 27</td>
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<td>9</td>
<td>October 2   &amp;</td>
<td>Ch. 3.1 &amp; 3.2</td>
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<td>10</td>
<td>October 4</td>
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<td>11</td>
<td>October 9 &amp; 11</td>
<td>Ch. 3.3 &amp; 3.4</td>
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<td>12</td>
<td>October 16 &amp; 18</td>
<td>Ch. 4.1, &amp; 4.2</td>
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<td>13</td>
<td>October 18 &amp; 20</td>
<td>Ch. 4.3 &amp; <strong>Test # 3 &amp; 5.1</strong></td>
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<td>14</td>
<td>October 30</td>
<td>Ch. 5.2 &amp; 5.3</td>
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<td>15</td>
<td>November 1</td>
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<tr>
<td>12</td>
<td>November 6 &amp; 8</td>
<td>Ch. 5.4, 5.5 &amp; <strong>Test #4</strong></td>
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<tr>
<td>13</td>
<td>November 13 &amp;</td>
<td>Ch. 7.1 &amp; 7.2</td>
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<td>14</td>
<td>November 15</td>
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<td>15</td>
<td>November 20 &amp; 22</td>
<td>Ch. 7.3</td>
<td>Thanksgiving</td>
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<td>16</td>
<td>November 29</td>
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<td>16</td>
<td>December 4</td>
<td><strong>Review and Final Exam</strong></td>
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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 test 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 2\(^{nd}\), 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 encourage 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, time 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: ______________
Texas A&M University, Corpus Christi
Math 1316.002 Trigonometry
Fall 2012

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.