I. Course Information

- Meeting Time & Place: MTWR 12:00 – 1:53 PM
- Instructor: Nene Coulibaly
- Office Phone: 361-825-2219
- Office Address: CI 304
- E-MAIL Address: Nene.Coulibaly@tamucc.edu
- Office Hours: By appointment only

II. Course Description

The course is designed for students needing an extensive review of mathematics to prepare them for state & campus standards and/or higher mathematics courses. The course covers number concepts, computation, elementary algebra, geometry, and mathematical reasoning. This course does not count towards graduation credit.

III. PREREQUISITE

There is no prerequisite for this course. Registration for this course will be determined by Placement testing or test scores.

IV. Text and other supplies required

- MyLabsPlus access kit is required for homework and quizzes. I will discuss this the first day of class. You can access it at tamucc.mylabsplus.com. If you buy the book at the bookstore, MyLabsPlus 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. To contact tech support: 1-888-883-1299.
- In addition, you will need a pencil with eraser, math spiral, headphones and a scientific calculator. TI graphing calculator is not required.
V. Learning Objectives

By the end of the semester, the student will be able to show mastery for the following by passing post tests:

- Perform basic operations with numbers and expressions and understand the properties related to real numbers.
- Round whole numbers and decimal numbers to a given place-value and convert between decimal numbers, fractions and percents.
- Evaluate formulas containing numbers and variables using order of operation.
- Use function notation and identify domain and range given a relation or function.
- Simplify algebraic expressions containing monomial, binomial, or polynomial expressions, rational and radical expressions and complex fractions.
- Use properties of exponents to interpret and simplify integral and rational exponents.
- Convert between scientific and standard notation and use scientific notation in solving word problems.
- Factor numbers and algebraic expressions (radicals, monomials, binomials and polynomials) includes finding a GCF or LCM.
- Perform basic operations (add, subtract, multiply and divide) with monomials, binomials, polynomials, and rational & radical expressions including rationalizing denominators.
- Solve equations and inequalities of various types (linear, absolute value, rational, radical, and quadratic as well as linear systems) and report in various ways including graphs, sets, or interval notation.
- Translate word problems and write models in the form of equations or inequalities.
- Solve word problems (percent, consecutive number, work, age, uniform motion, mixture, geometric, and financial) using a variety of techniques.
- Determine the measure of angles or sides for plane figures and relate parallel line properties and characteristics of plane figures to similar and congruent figures.
- Convert metric and customary measurement (length, mass and capacity).
- Read charts and graphs and use the information to solve problems.
- Name and graph points in a plane or number line and name x- & y-intercepts for linear or nonlinear graphs or equations (including the vertex of a parabola).
- Recognize, write equations and inequalities for vertical, horizontal and sloped lines and graph.
- Find the slope of a line give two points, a graph or an equation for the line.
- Write equations and inequalities given a graph, two points or the slope and a point using point-slope, slope-intercept or standard form.
- Compare slopes and write equations with parallel or perpendicular lines given an equation and a point or a slope and a point.
VI. **INSTRUCTIONAL METHODS AND ACTIVITIES**

This course is a self-paced developmental math course designed to use computer assisted instruction (MY Labs Plus) to remediate math deficiencies for students who lack college readiness skills.

Students will first take a pretest for a module. The student will then do the homework (100% needed) and take the practice test and posttests.

Students are encouraged to watch any assigned media and work with the tutors and instructor during and outside of class to remediate problem areas. When the homework is completed, the student must take the practice test to evaluate if there is need for more instruction (made less than 85%). The student will then work in the study plan to gain needed skills. Finally, the student will take the post test for that module on completion of remediation. These posttests must be taken without notes, use of the text or assistance from tutors (except for clarification). Students must score at least a 65 on each posttest and have a 70 average to move on to the next module.

VII. **EVALUATION AND GRADE ASSIGNMENT**

80% Posttest grades (always taken in my classroom and always proctored)
5% Attendance
15% Participation includes homework, media, and notebook grades

Students required to take Modules 1-6 must complete modules 1-6 to receive a passing grade for M0300 otherwise a grade of DIP (Developmental In Progress) will be given.

**Grading scale: DA = 90% or more**  **DB = 80% - 89%**  **DC = 69.5% - 79%**

The D in front of the grade stands for Developmental A, B or C.

If a student in Math0300 (required to complete Modules 7-12) completes them with a passing grade, they will be placed in College Algebra or Statistics and no longer be THEA liable. If a student stops attending, a grade of SA (with a stopped attending date) will be given and those reports viewed by the financial aid office.

A student who places into Module 1 and completes Modules 1-6 will receive a letter grade.

A student who places into Module 7 and completes Modules 7-12 plus the review modules will receive a letter grade.

This course must be repeated until Module 12 has been completed.

VIII. **TENTATIVE COURSE SCHEDULE**

Tentative schedule for completing Modules 1-6 and being placed in Modules 7-12 next term.

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Weeks 1-2</th>
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<tbody>
<tr>
<td>Module 2</td>
<td>Weeks 3-4</td>
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Tentative schedule for receiving a grade for Modules 7-12 and being placed in college algebra next term.

<table>
<thead>
<tr>
<th>Review Modules 1, 2, 6</th>
<th>Weeks 1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 7 &amp; 8</td>
<td>Weeks 3-6</td>
</tr>
<tr>
<td>Module 9</td>
<td>Weeks 7-8</td>
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<tr>
<td>Modules 10</td>
<td>Weeks 9-10</td>
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<tr>
<td>Module 11</td>
<td>Weeks 11-12</td>
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<tr>
<td>Module 12</td>
<td>Weeks 13-14</td>
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IX. **Class Policies**

**Attendance:**

- I expect each student to attend all classes. Attendance is mandatory. Please save absences for emergencies and illness.
- If you are more than 15 minutes tardy or if you leave more than 5 minutes before the end of class you are considered absent.
- All absences are considered unexcused unless a written excuse or documentation is made available to me in a timely manner and accepted.
- If you must be absent please email me through [www.tamucc.mylabsplus.com](http://www.tamucc.mylabsplus.com) or my school email nene.coulibaly@tamucc.edu.

**Participation:**

- Participation is required in homework, study plan and written work. This includes notes taken from power points or videos and work on My Labs Plus.
- Students found to be working on material other than mathematics during class will be given a zero for that day’s participation. This will include those using class time for personal business like emails or texting. Cell phones will be turned off and put away during class.
- Staying on task and completing an appropriate amount of work will be noted each day by the instructor and/or tutors. A participation grade will be entered weekly for each student based on their individual work and effort. My Labs Plus records any skills completed so that you may keep a daily record of your progress.

**Responsibility:**

- You are responsible for obtaining required supplies and bringing them to class.
• You are responsible for organizing your time so that you can study at least 1 hour each day outside of class and completing an appropriate amount of work during class.

• You are responsible for any assigned homework, writings or goal setting.

• You are responsible for your actions during class and for keeping the learning environment quiet so others can complete their work. Keep personal conversations to a minimum. Keep voices low and unobtrusive.

• You are responsible for your own learning, therefore, you should come prepared with questions you need answered. Keep up with what you need to do and set appropriate goals for yourself.

• Work outside of class on pretest, homework, and practice tests. Posttests must be taken in class with instructor present.

Study Hints

• If you are having trouble with the material and are unable to see me during my office hours, you may get tutoring at the CASA located at the Glasscock Center Room 112. They have computers, skilled tutors and good places to work on assignments and answer questions. Whatever you choose to do, it is important not to fall behind in the material.

• The instructor reserves the right to make changes to the above with due notice to the students. These changes will be announced in class and each student is responsible for keeping herself/himself informed of such changes.

• Computer activities that are not related to class are not allowed during the class.

X. Legal Statements

Academic Integrity/Plagiarism

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, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a grade of 0% on that assignment or test.

A grade of incomplete will only be given in exceptional circumstances, such as a death in the family or personal injury that might prevent someone from taking the final exam. (Please notice that an incomplete grade can only be given to students that are passing the course but have not completed the required work for reasons beyond the students’ control). In this case, it is the responsibility of the student to notify me as soon as possible, preferably by email, and to fill the required "Incomplete Form" available from the University
Registrar. If this is not done, a score of 0% will be assigned for any incomplete exams and a final grade will be computed using the criteria described above.

**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 July 25th** is the last day to drop a class with an automatic grade of “W” this term. I cannot personally assign a grade of W.

**Statement of Civility**

Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

**Grade Appeals**

As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, 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 Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and Engineering Grade Appeals webpage (http://sci.tamucc.edu/students/GradeAppeal.html). For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

**Disabilities Accommodations**

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.

**Statement of Academic Continuity**

In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.