Course Information

Meeting Time and Place: MTWR 02:00-03:55 PM CI-223

Instructor: Coulibaly Nene

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Web Page Address: http://math.tamucc.edu/~ncoulibaly/

Office Address: CI 354

Office phone: 361-825-2219

Office hours: MTWR 01:00-1:50 PM

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.

PREREQUISITE

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

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.

- A scientific calculator is required for this class. No graphing calculator is allowed.

Learning Objectives

By the end of the semester, the student will be able to show mastery for the following by passing with a 70% correct on tests and quizzes:

- Perform basic operations with numbers (whole numbers, decimal numbers, fractions, mixed numbers, integers and real numbers).
- Round whole numbers and decimal numbers to a given place-value.
- Convert between decimal numbers, fractions and percents.
- Evaluate expressions containing real numbers or variables using order of operation real.
- Factor numbers and algebraic expressions; determine a GCF and LCM.
- Solve equations using the addition and multiplication principles together (includes equations containing grouping symbols or multiple terms).
- Solve inequalities using the addition and multiplication principles then report the answer as a set or graphed on a line.
- Solve word problems using a variety of techniques (includes percents, age problems, geometric concepts).
- Evaluate formulas for area, perimeter, circumference or volume for triangles, rectangles, squares, parallelograms, circles, composite figures, pyramids, prisms, spheres and cylinders.
- Determine angles or sides for and relate parallel line properties to similar and congruent figures.
- Determine interior angles, exterior angles and lengths of sides for plane or composite figures.
- Relate the properties of real numbers to algebraic expressions (zero, ones, commutative, associative, inverse, distributive and identity properties).
- Convert metric and customary measurement (length, mass and capacity).
- Convert between scientific and standard notation and use scientific notation in problem solving.
- Simplify algebraic expressions (monomials, binomials & polynomials) using addition, subtraction, multiplication and division.
- Read charts and graphs.
- Name and graph points in a plane or on a number line.
- Graph a line from an equation by determining two points.
- Recognize and graph vertical and horizontal lines.
- Give the slope of a line give two points or a graph (include finding slope of horizontal and vertical lines).
- Determine if a point is a solution given the equation of a line.

**Instructional Methods and Activities**

Methods for instruction include the following:

- Students will be shown models of solutions and will work independently and in groups to demonstrate mastery. Students will use the My Math Lab software independently to remediate weak areas as designated by assessments. Students will show mastery by passing skill tests and/or the final exam with a 70% or better.
Class Policies

- Homework and Quizzes are assigned online regularly through MyLabsPlus that can be accessed at tamucc.mylabsplus.com (you need to buy an access code) and due as specified. No late homework will be accepted unless there is a valid excuse. If you have problems to access the system you have to let me know as soon as possible.

- Two tests will be administered in class. The dates will be announced during class time. If an extra credit work is assigned, or extra points are given, the total score should not exceed 100%. No points will be “saved” toward the next examination.

- There will be no makeup for a missed test. If a test is missed, its score will be replaced by the score on the final exam. The opposite is not true. A missed final exam will result on a score of 0 points.

- Final exam will be administered on Thursday August 9th from 2:00 to 3:55 pm. It is a comprehensive examination over all material covered during the class. You will be allowed to bring in one page of notes hand written on both sides. Absolutely no early final examination, so make travel arrangements accordingly.

- Attendance will be taken each class. You will find it very hard to survive in this class if you do not attend class regularly. I expect each student to take notes during the lectures, to keep a record of his/her assignments, tests and grades. Talking during class time and tardiness are often disruptive to the whole class and are not appreciated. If you are delayed and arrived late please do so quietly. Excessive tardiness, disruptive talking, disruptive behavior or performing activities not related to the class will be counted as absences and may cancel bonus points for attendance. 95% attendance or more will result in 2% as bonus points added to your total score at the end of the semester that usually is helpful to determine borderline grades. The instructor is NOT responsible for informing absent students what was covered in previous classes, homework or any other announcements.

- Cell phones and such must be turned off before class especially before exams.

- 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.

- Please check carefully the date and time of the tests as I cannot change them for any other reasons not considered truly exceptional, that is; beyond the students’ control.
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.

Although obviously I hope all goes smoothly for you this semester, events can sometimes occur that make dropping a course necessary or wise. I encourage you to 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 27 is the last day to drop a class with an automatic grade of “W” this term. I cannot personally assign a grade of W.**

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.**

**GRADING**

The following assessments will be given during the semester: two examinations (20% each), comprehensive final exam (30%), several Quizzes (10% each), and several Homework (20%).

In summary:

<table>
<thead>
<tr>
<th>Final grades will be assigned as follows</th>
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<tbody>
<tr>
<td>2 Exams = 40% of grade = 90% - 100% = A</td>
</tr>
<tr>
<td>Quizzes = 10% of grade = 80% - 89% = B</td>
</tr>
<tr>
<td>Homework = 20% of grade = 70% - 79% = C</td>
</tr>
<tr>
<td>Final Exam = 30% of grade = 60% - 69% = D</td>
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<tr>
<td>Below 60% = F</td>
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F will only be given for those who make no effort to pass or if a student has more than 3 Unexcused Absences/Tardies. No Exception!!!!!!!!!!!!!
Preferred methods of scholarly citations

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 instructor’s 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.

Grade Appeals

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 Rule13.02.99.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.

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, Room 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

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 on the second floor of the library. 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.

Good luck and let's have a great summer!