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 a review of mathematics for the THEA test and Math 1314 (college algebra). The course is designed mostly for students who have not yet had a chance to learn college preparatory mathematics. Topics include linear equations, inequalities, and functions, rational expressions and equations, exponents and radicals, quadratic equations and functions, systems of equations, and application problems. You will not receive college level credit for this course.

PREREQUISITE: Successful completion of Math 0398 or suitable placement.

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
After completion the course, students should be able to:

- Interpret and simplify integral and rational exponents.
- Use the properties of exponents to simplify algebraic expressions.
• Use addition, subtraction, multiplication and division with order of operations to simplify monomials, binomials and polynomials.

• Use properties to simplify radicals, including rationalizing the denominator.

• Use property of fractions and factoring to simplify rational expressions.

• Solve linear equations and inequalities, which include real numbers, parenthesis, multiple-terms with the variable and have conditional, no solution or infinite solutions.

• Use factoring techniques and the zero principle or the quadratic formula to solve quadratic equations for real or complex solutions.

• Solve inequalities and report answers as graphs, sets, or intervals.

• Solve equations that are classified as rational, radical, or absolute value.

• Find the linear, rational, radical, quadratic equations to model or solve application problems including age problems, consecutive numbers, area problems, and motion problems.

• Represent graphically the solution(s) of equations and inequalities in one and two variables.

• Solve systems of linear equations in two variables using elimination and substitution methods.

• Write equations in one or two variable to solve or model application problems including mixture and motion problems.

• Understand the relationship between the slopes of two equations and the intercepts to determine if lines are parallel, perpendicular, and identity or just intersecting.

• Write equations for lines that are parallel or perpendicular to a given equation and passing through a specific point using point slope formula.

• Convert from standard form to slope-intercept form and vice versa.

• Write equations for lines in slope-intercept, point-slope and standard form given a graph, two points or a slope and point.

• Given a graph or quadratic equations determine the x- and y-intercepts, vertex.

**Instructional Methods and Activities**

Methods for instruction include the following:

• Lecture.

• Demonstrations.

**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: Final grades will be assigned as follows

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percentage of Grade</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Exams</td>
<td>40% of grade</td>
<td>90% - 100% = A</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10% of grade</td>
<td>80% - 89% = B</td>
</tr>
<tr>
<td>Homework</td>
<td>20% of grade</td>
<td>70% - 79% = C</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30% of grade</td>
<td>60% - 69% = D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Below 60% = F</td>
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</tbody>
</table>

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!!!!!!!!!!!!!
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 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](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!*