

CUMBERLAND COUNTY COLLEGE

Course: MA 009 Mathematics and Beginning Algebra

Credits: 1 (Cannot be applied towards graduation credits)

Prerequisites: Completion of modules 5A – 8B

Course Description: This course emphasizes radical expressions; radical equations; and quadratic equations.

Learning Outcomes:

At the completion of this course, students will be able to:

- Demonstrate manipulative algebraic skills and a logical approach to problem solving
- Add, subtract, multiply, and divide real numbers, polynomials, rational expressions, and radical expressions;
- Solve first degree equations, simple inequalities and literal equations, quadratic equations, rational equations, systems of equations, and radical equations;
- Factor polynomials;
- Graph linear equations and systems of equations.

Topical Outline:

- Roots and Radicals
- Quadratic Equations
- Solving Linear & Quadratic Equations

Text:

There is no hard copy version of a text book for this course. Instead students must purchase an online access code to MyLabsPlus through the college bookstore. The ISBN is 1323286527. You will then have access to the course materials including an e-book: Developmental Mathematics. Students who have recently completed MA 091 may be able to use the same access code. Students are also required to have a notebook, pencil/pen and earphones. A scientific or graphing calculator is optional.

Assessment:

All first time students must earn a grade of 100% for orientation video and assignment.

The final course grade will be calculated as stated below:

70% The average of modules 5-9	_____ x 0.70 = _____
30% Participation	_____ x 0.30 = _____

The final course grade must be 70% or better to pass the course.

A letter grade will be assigned as follows:

<u>Average</u>	<u>Letter</u>
90-100%	A
80-89%	B
70-79%	C

- Upon successful completion of the course, a student will receive a letter grade (A, B, C). However, this grade will have no bearing on the student's grade point average.
- If a student does not complete the minimum number of modules, he/she will be required to repeat the course and will be issued a final grade of an "R."
- Homework, sample tests, worksheets, and watching videos should be completed outside of the regular class time.
- Students may utilize no more than a half of class period to study for the Homework Creators. Instructors will ask the student to take the Homework Creator after that time is up (loss of participation points could occur if a student does not comply).

Mastery Requirements:

- 80% for Homework
 - 70% for Sample Tests
 - 70% for Tests & Homework Creators
- Students are expected to attend all classes. There are no excused absences.
 - All students will begin the semester with a Participation grade of 100 and one point is deducted for every one hour of class missed.
 - If you miss 2 classes in a row, you run the risk of being dropped from course.
 - Any student that has a participation grade of less than 80 points may be dropped from the course.

Academic Integrity:

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a "criminal" offense.

As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

In conjunction to the academic integrity policy set forth in the student handbook, students are not allowed to use cell phones, iPods, iPads, other websites, or technology. Students are expected to do their own work on the tests. Cheating on tests, misrepresentation of attendance, falsifying records and academic dishonesty will result in being referred to the appropriate CCC disciplinary committee. (Refer to your Student Handbook for further information)

Tutoring & Project Assist:

If you are having difficulty with work in this class tutoring is available through the Center for Academic and Student Success (CASS), contact Melissa Wright Assistant Director, Testing & Tutoring for CASS at 856-691-8600, extension 1326; direct line: 856-200-4689.

If think that you might have a learning disability, contact Disability Support Services (DSS), contact Meredith Vicente, Assistant Director, Physical & Learning Disabilities at 856-691-8600, extension 1282; direct line: 856-200-4688 for information on assistance that can be provided to eligible students.

Before Withdrawing From This Course:

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.