

CUMBERLAND COUNTY COLLEGE

Course: MA 004 Mathematics & Beginning Algebra

Credits: 1 (Cannot be applied towards graduation credits)

Prerequisites: Completion of Modules 1A – 3B

Course Description: This course emphasizes adding, subtracting, multiplying, dividing real numbers; the introduction to solving equations with one variable; and graphing and solving basic inequalities with interpreting them in interval notation.

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

- Add, subtract, multiply, and divide whole numbers
- Add, subtract, multiply, and divide decimals
- Manipulate basic geometric shapes and formulas
- Multiply and divide fractions
- Add and subtract fractions with common and uncommon denominators
- Compare values with ratios and proportions,
- Find percent and simple interest
- Add, subtract, multiply, and divide real numbers
- Solve a basic equation for a given variable
- Graph and solve basic inequalities with interpretation in interval notation

Topical Outline:

- Introduction to Algebra

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: Basic College Mathematics w/Early Integers. Students are also required to have a notebook, pencil/pen and earphones. A basic 4-function calculator is optional. More advanced calculators are not permitted.

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 1 – 4	_____ 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.