

**GREEN MOUNTAIN COLLEGE
CALHOUN LEARNING CENTER
MATHEMATICS**

CLC 0999 – Basic Math
Monday & Thursday
11:00 am – 12:15 pm

Fall 2004

Instructor: Raina L. Robins

Office Location

& Hours: Calhoun Learning Center – 3rd Floor of Griswold Library
Hours: Monday & Thursday: 9:30am-11am, 1:15pm-2pm, 3:15pm-4:45pm; Other times by appointment
Phone: 287-8234/8225 E-mail: robinsr@greenmtn.edu

Textbook/Supplies: *Prealgebra and Introductory Algebra*, by Lial, Hestwood & Hornsby. Scientific calculators may be used at the instructor's discretion. Graph paper and a ruler may be required.

Course Description: This course provides a brief review of arithmetic operations and an introduction to the language and applications of algebra.

Course Outline: This outline is tentative. Sections to be covered may be added or removed at the instructor's discretion.

- A. Review of Whole Numbers (R.1-R.5)
- B. Integers/Signed Numbers (1.1-1.7)
- C. Decimals (5.1-5.5)
- D. Fractions (4.1-4.3)
- E. Intro to Exponents & Order of Operations (1.8)
- F. Variable Expressions & Equations (2.1-2.5)
- G. Geometry (3.1,3.2,6.5)
- H. Applications/Word Problems (3.3,3.4)
- I. Percents (7.1-7.6)
- J. Proportions & Ratios (6.1-6.3)
- K. Intro to Statistics (Mean, Median & Mode) (5.7)
- L. Charting (9.1-9.3)
- M. Exponents & Scientific Notation (11.1-11.3)
- N. Measurement (8.1-8.5)
- O. Square Roots (16.1-16.3)
- P. Polynomials (11.4-11.5)
- Q. Graphing Linear Equations (9.4,14.1)
- R. Word Problems (Handouts)

Prerequisite: Placement at Level 1.

CLC 0999 – Basic Math
Syllabus – Fall 2004
Page 2 of 2

Attendance: Students are expected to attend and participate in every class meeting. See attendance policy on page 47 of the GMC catalog. Up to three absences will be allowed. Four or more absences will result in an automatic No Pass of the class. A note from a Doctor or the Provost's office must be provided for any absence due to an illness or an emergency.

Absences due to a school activity must be discussed with the instructor prior to the missed class. Proof of the activity (e.g. game schedule) and a note from the advisor/coach is required, as applicable.

Grading Policy: Pass/No Pass based on the following:

1. C- (70%) and above is considered passing.
2. The final grade average will be based on the following:
 - Tests 40%
 - Quizzes 25%
 - Selected Homework 10%
 - Final Exam 25%
3. Homework will be given on a regular basis. Completion of these assignments is expected. Only selected homework will be collected and graded.

Class Policies:

1. Late assignments will not be accepted. If a class is missed when an assignment is due, the assignment must be handed to the instructor or placed in the instructor's mailbox prior to the missed class.
2. If a class is missed for any reason, it is the student's responsibility to find out what work was missed and to pick up any handouts/assignments prior to the next class meeting.
3. Make-up tests & quizzes will be provided if approvals and arrangements have been made with the instructor prior to the scheduled test/quiz. The lowest quiz grade will be dropped at the end of the session.

Test Out Policy: Students may attempt to test out of this class. Test out exams are only available within the first two weeks of the semester (This means you must take the exam before the end of the second week of the semester.) If you are interested in taking the test out exam you must see the instructor to schedule the exam. Forty-eight hour notice must be given to the instructor of your intent to take the exam.

The test out exam for this course is not a placement exam – it is a final exam. The exam is not multiple choice. Calculators are allowed.