

**NORTHEASTERN TECHNICAL COLLEGE
COURSE OUTLINE**

COURSE:	PREFIX	NO.	EFFECTIVE DATE	NEXT REVIEW DATE
	MAT	032	Fall 2011	Fall 2012
TITLE:			CREDITS	CONTACTS
				CLASS - LAB - TOTAL
Developmental Mathematics			3.0	3 0 3

PREREQUISITES: Placement scores (COMPASS: Pre-Algebra 22-39)

DESCRIPTION: Developmental Mathematics includes a review of arithmetic skills, and focuses on the study of measurement and geometry, basic algebra concepts, and data analysis. Applications skills are emphasized. *Non-Degree Credit.*

Calculator usage will be introduced after completion of decimal work.

TEXTBOOK(S) OR ALTERNATIVE: Basic College Mathematics, An Applied Approach, 9th Edition, Aufmann, Barker, Lockwood.

MATERIALS: The student should purchase textbook, notebook, pencils, and erasers.

CLASS MANAGEMENT ACTIVITIES (Attendance, Tardies, Testing, etc.):

Academic Dishonesty: Students are expected to do their own work. Please refer to the NETC Student Code and Grievance Procedure for a definition of academic dishonesty and an outline of the disciplinary action that may result.

Attendance: Students are expected to attend all scheduled classes and are responsible for all classwork, homework, notes, etc., whether or not they are present.

In the event of extenuating circumstances, such as illness, you are allowed to miss up to eight (8) hours. The student will be dropped after missing more than eight (8) hours of scheduled classes. If an instructor drops a student for excessive absences at any time during the semester, a grade of "F" will be assigned. If the student withdraws from the course, a grade of "W" or "WF" will be assigned as outlined in the college catalog. THERE IS NO SUCH THING AS AN EXCUSED ABSENCE. IF YOU EXCEED THE ALLOWED NUMBER OF ABSENCES, YOU WILL BE DROPPED.

Tardy: A student is considered tardy if not present for roll call, which is taken at the beginning of the class. Three (3) tardies will be considered as one (1) hour absence.

Student ID: It is mandatory that every student wear his/her ID at all times when on the Cheraw campus. During the first week of classes, the instructor will issue a reminder to wear the ID. This remainder is a warning.

After the first week of classes, instructors are required to dismiss students without ID from class. The student may get his/her ID (or a new one in Student Services for \$3.00) and return to class before midpoint of the class. If the student cannot get an ID and return to class by midpoint, the instructor will record the absence.

Classroom Etiquette:

1. Electronic communication devices (pagers, cell phones) are not allowed in the classroom. On-call emergency personnel should see the instructor for an exemption.
2. No visible food or drinks are allowed in the classroom.
3. No radios or headphones are allowed in the classrooms.

Disabilities Statement: Students with disabilities are encouraged to contact the Dean of Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Dean of Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See College Catalog)

RESOURCES (A-V, persons, tools/equipment): Videotapes for practice are available in the Success Center.

COURSE TOPICAL OUTLINE: (List topics and sub-topics of course and calendar or approximate length of time devoted to topic.)

TENTATIVE CLASS OUTLINE

<u>WEEK (S)</u>	<u>SECTION</u>	<u>TOPIC</u>
1-2	1.1 - 1.3	Adding and Subtracting Whole Numbers
	1.4 - 1.5	Multiplying and Dividing Whole Numbers
	1.6 - 1.7	Other Operations with Whole Numbers

TEST 1 _____

3-4	2.1 - 2.5	Adding and Subtracting Fractions and Mixed Numbers
5	2.6 - 2.8	Multiplying and Dividing Fractions and other Operation with Fractions
		TEST 2 _____
6	3.1 - 3.6	Operations with Decimals
		TEST 3 _____
7	4.1 - 4.3	Ratio and Proportions
		TEST 4 _____

COURSE TOPICAL OUTLINE: (Continued)

<u>WEEK (S)</u>	<u>SECTION</u>	<u>TOPIC</u>
8-9	5.1 - 5.5	Percents
		TEST 5 _____
10-11	10.1-10.3 11.1	Integers and Variable Expressions
12-13	11.2-11.3	Solving Equations
		TEST 6 _____
14	9.1 - 9.4 12.1-12.3	Measurement Geometry
15	7.1 - 7.3	Statistics
		TEST 7 _____

REVIEW

FINAL EXAM

LEARNING OUTCOMES/OBJECTIVES OF COURSE: The student will be able to:

1. Perform arithmetic operations using whole numbers, fractions, decimals, and percents.
2. Solve problems using algebraic and geometric concepts.
3. Perform arithmetic operations with measurements.

College Wide Competencies: Apply mathematical/computational skills to solve problems.

INSTRUCTIONAL METHODS TO COMPLETE OBJECTIVES: Examples of problems worked on the board, homework assignments, and tests

EVALUATIVE METHODS TO APPRAISE OBJECTIVES: Chapter or topical tests and a final exam will be given. The average of the chapter tests will constitute 80% of the student's final grade in the course and the final exam will constitute the remaining 20% of the grade. A final exam will be given and **no** test grades will be dropped.

MAKE-UP TEST PROCEDURE: **NO make-up** tests are given except in extenuating circumstances. The **student** is responsible for contacting the instructor **prior** to the time the test is scheduled to arrange a meeting to discuss the process of making up the missed test.

GRADING SCALE: The grade point scale that will be used is as follows:

A	=	93	-	100
B	=	85	-	92
C	=	77	-	84
NC	=	BELOW 77		

Any student receiving a grade of W, WF or NC is required to repeat MAT 032.