

## **MATH 093 - Pre Algebra (3 Credits)**

### **DESCRIPTION:**

A course intended to review arithmetic and to preview elementary algebra. Prerequisite: MATH 091 with a grade of C or better; or a satisfactory ACT/SAT/Placement Test score.

### **TEXT:**

Pre Algebra, 5th Edition, Wyatt et al.

NOTE: Full-time instructors have the right to use no text or a different text.

### **OUTLINE:**

- Ch 01 - All Sections
- Ch 02a - All Sections
- Ch 02b - All Sections
- Ch 03 - All Sections
- Ch 04 - All Sections
- Ch 05 - All Sections
- Ch 06 - All Sections
- Ch 07 - All Sections

### **OUTCOMES:**

- a. Manipulate whole numbers, integers, fractions, decimals and percents.
- b. Become familiar with the Order of Operations.
- c. Simplify algebraic expressions.
- d. Evaluate algebraic expressions.
- e. Solve linear equations in one variable.
- f. Graph ordered pairs on a coordinate axis.
- g. Graph linear equations in two variables on a coordinate axis.
- h. Obtain area and perimeter of simple geometric shapes.
- i. Apply and extend all concepts.

### **EVALUATION:**

Grades will be determined by student performance in one or more of the following areas: in-class tests, take-home tests, homework assignments, quizzes, special projects, papers, attendance, and class participation. Degree of importance and types of assessment used will depend on the instructor. However, at least 50% of the course grade used is to be determined by proctored individual exams/assessments.

**This course DOES NOT satisfy the Math component of a degree or certificate program at CSN.**