

Truckee Meadows Community College  
Department of Mathematics

**Math 093: Pre-Algebra**  
(3 credit hours)

**Catalog Course Description:** A course in pre-algebra including a review of basic math skills such as signed numbers, fractions, mixed numbers, decimals and percents. Skills in problem solving using equations will be emphasized along with graphing linear equations and simple polynomials. Problems using ratio, proportion, measurement and geometry will also be included.

**Pre-requisites:** C or better in MATH 091 or equivalent or qualifying ACCUPLACER, ACT/SAT test results.

**Course Outcomes:** at the completion of the course students should be able to:

1. Set-up and solve simple word problems.
2. Apply order of operations.
3. Use exponents and roots.
4. Use algebraic expressions to solve problems.
5. Graph points and linear equations with integer coefficients.
6. Use percents, ratios and proportions to solve application problems.
7. Convert between metric and standard units of measure.
8. Solve problems in measurement and geometry including concepts of area and perimeter.

**Students with Disabilities Statement:** Qualified students with documented disabilities have the right to free accommodations to ensure equal access to educational opportunities at Truckee Meadows Community College. For assistance and clarification of services provided under the ADA, contact the Disability Resource Center, Red Mountain Building Rm. 315, (673-7286).

**Student Conduct Policy:** Truckee Meadows Community College encourages all students to pursue academic studies and other college sponsored activities that promote intellectual growth and personal development. Students are responsible for complying with Nevada System of Higher Education (NSHE) and college guidelines. TMCC has an obligation to maintain conditions under which the work of the college can go forward freely, in accordance with the highest standards of quality, institutional integrity and freedom of expression. These standards, procedures for reporting infractions, and processes for addressing complaints and allegations are available on the TMCC web site, college catalog (appendix L) and the office of the associate dean of students (RDMT 120, 673-7114).