

Truckee Meadows Community College
Department of Mathematics

Math 091: Basic Math
(3 credit hours)

Catalog Course Description: A course covering the fundamental operations on whole numbers, fractions, mixed numbers and decimals; ratios; percentages; electronic calculators and consumer topics. The course is intended to provide a thorough review of basic skills needed in future mathematics courses and in applied fields.

Pre-requisites: Qualifying Accuplacer score.

Course Outcomes: Upon successful completion of the course a student will be able to:

1. Have a conceptual understanding of the meaning and application of whole numbers, common fractions, and decimals, ratios, and percents.
2. Be competent with adding, subtracting, multiplying, and dividing whole numbers and fractions, and understand the concepts underlying these operations.
3. Be able to compose and evaluate simple mathematical situations using the basic operations, proportions and other basic mathematical methods.
4. Understand the concept of measurement of lengths, volumes, mass (or weight), and the temperature in both the English and the Metric systems.
5. Be able to calculate dimensional conversions.
6. Have a basic understanding of the common use of concepts, terminology, and symbols of geometry and be able to calculate lengths, areas, volumes, and angle measures.

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).