

Course Objectives/Course Outline
Spokane Community College

Course Title: Math Prep for the Sciences

Prefix and Course Number: MATH 89

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Communicate mathematical ideas in both everyday and mathematical language using appropriate vocabulary and notation.
- Demonstrate the ability to use Order of Operations and Exponent Properties.
- Use Scientific Notation in calculations.
- Demonstrate understanding using the Metric System, Conversations, and Dimensional Analysis.
- Demonstrate the ability to use a Scientific Calculator.
- Understand and Compute Drip Rates and Dosage Calculations.

Course Outline:

- I. Introduction
 - A. The Metric System
 - B. Dimensional Analysis
 - C. Scientific Notation
 - D. Using a Scientific Calculator
 - E. Word Problems.