

Course Objectives/Course Outline
Spokane Community College

Course Title: Architectural Math

Prefix and Course Number: ARCHT 114

Course Learning Outcomes:

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

- Apply basic principles of math to solve architectural related problems

Course Outline:

- I. Pre-test
 - A. Arithmetic of Whole Numbers
 - B. Order of Operations
- II. Working with Fractions
 - A. Multiplication
 - B. Division
 - C. Addition and Subtraction
- III. Working with Decimals
 - A. Multiplication
 - B. Division
 - C. Addition and Subtraction
- IV. Percentages
 - A. Problems
 - B. Calculations
- V. Measurements
 - A. Numbers
 - B. Units and Unit Conversions
 - C. Metric Units
 - D. Direct Measurements