CON100 : Quantitative Skills for Construction

This course will apply fundamental mathematical skills and critical thinking to solve basic construction problems. A review of numbers, fractions, ratios, angles and triangles, weights, measures and conversions, and formulas for calculating area and volume will be included. Problem solving will use cases that introduce concepts of the estimating process for selected parts of a construction project including lumber pricing, footings, foundations, girders, sill plates, bridging, floor joists, flooring, wall framing, and roofing.

Credits 2

Prerequisites

(MAT030 or MAT035) or satisfactory basic skolls assessment score

Semester Offered

Fall

Summer