

*The Builders Exchange of Rochester in Partnership with
CEI's NEW Online Course Offerings:*

102 Essential Construction Math



LEARN MORE



About 102 Essential Construction Math

! 102 Essential Construction Math is a **self-paced** class is one of several construction basics online courses, which is intended to develop mathematical skills that can be applied to the construction trade through practice and application.

This course is an introduction to other courses in construction. While this class is not a prerequisite for any other classes, it does provide a foundation for them.

The construction math lessons in this course are based on real-world application.

A **self-paced** course can be started at any time. You must complete the course within 10 weeks, but you can work through the course as quickly as you like.

There are no weekly goals and no interaction with other students.

ROBEX Member: \$550
NON-ROBEX Member: \$750

JUNE 23 - SEPTEMBER 1, 2025

Elevate your career in construction with our NEW online course offerings. ROBEX has partnered with **Construction Experts Inc. (CEI)** to provide members with a wide variety of educational offerings. The upcoming semester will run from June 23, 2025 - September 1, 2025.

LEARNING OBJECTIVES

- Use and understand all operations on fractions and decimals that are common to the construction industry.
- Calculate area, and volume of various shapes.
- Convert measurements from fractions to decimals.
- Convert measurements from cubic feet to cubic yards.
- Measure the volume of concrete footings, slabs, walls, and columns.
- Calculate board feet.
- Calculate and measure for basic constructions in wood and concrete.