

Course Overview

Number of Units: 6 Units

Estimated time: 3 - 6 weeks or 12 - 18 hours

OALCF Levels: A1.2, A3, C1.1-2, C2.2, C3.2, C4.2

Suggested Milestones: 37, 38 or 39, 46, 50 or 51

Course Description

This course is designed for learners preparing to go into the trades. It focuses on basic math skills using fractions, decimals, percents, converting imperial and metric measurements and how to read a measuring tape. This course includes real workplace examples that can be applied to the trades. If you're interested in this career pathway and need to strengthen your math skills, this course is for you!

Note: Learners should be able to add, subtract, multiply and divide whole numbers before taking this course.

Summary of activities: Lessons, Quizzes, Journals, Videos and Interactive Activities.

Unit 1: What is a Fraction?

In this unit you will learn what fractions are, how to reduce them to lowest terms and how to work with mixed numbers and improper fractions.

Unit 2: Adding and Subtracting Fractions

In this unit you will learn how to add and subtract fractions with common denominators, how to find a common denominator, how to add and subtract fractions with different denominators and how to add and subtract mixed numbers.

Unit 3: Multiplying and Dividing Fractions

In this unit you will learn how to multiply and divide fractions with mixed numbers and how to use the “cross cancel” method.

Unit 4: Decimals

In this unit you will learn what a decimal is and how to add and subtract, multiply and divide decimals.

Unit 5: Percent

In this unit you will learn what a percent is, how to find the percent of a number, what percent one number is of another number, and how to find a number when only the percent is known.

Unit 6: Imperial and Metric Measurements & The Measuring Tape

In this unit you will learn how about Imperial and Metric Measurements, how to convert from between the two measurement systems, how to read a measuring tape and identify the different units and markings on a measuring tape.