



## Apprenticeship and Workplace Math 10

Available starting February 2014

### Description

This course is the preparatory course for Apprenticeship and Workplace Math 11 and designed to provide you with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force.

The 10 sections are organized into four modules which will cover a variety of topics, including measurement, geometry, trigonometry, and finance:

#### Module 1: MEASUREMENT SYSTEMS

Section 1: The Metric System  
Section 2: The Imperial System

#### Module 2: MEASUREMENT IN ACTION

Section 1: Measuring  
Section 2: Area

#### Module 3: GEOMETRY & TRIGONOMETRY

Section 1: Angles  
Section 2: Triangles & Other Polygons  
Section 3: Trigonometry I (Tan & Sin)  
Section 4: Trigonometry II (Cos)

#### Module 4: MONEY MATTERS

Section 1: Making Purchases  
Section 2: Being Paid on the Job

### Lessons and Materials



Lessons are online and use a combination of text, short videos, interactive animated exercises and links to websites to help you understand the concepts.

There is no textbook; the materials needed, including exercises, are available online.

You will also need a scientific (not graphing) calculator.

### Evaluation

Your final school mark will be based on your assignments (50%) and the 4 Module Tests (50%).

If you are a high school student, your Provincial Exam mark will count for 20% of your final mark. You will need to contact your school counselor to schedule the date and time for your provincial exam.

All students will need to complete at least 3 module Tests and to obtain a final mark above 50% to pass the course.

### Registration

Begins mid-January, 2014. Contact either your counselor or the Columbia Square Adult Learning Centre to register.