



COURSE OUTLINE

Course Name: Trades Math 10 Part 1

Course Number: MATH 0755

Number of Credits: 4.0

Effective Date: January 2017

Course Description:

MATH 0755 is a course offered in conjunction with MATH 0757 as part of the Essential Skills for Trades program. It covers the core topics in intermediate level algebra.

Both MATH 0757 and MATH 0755 are required for completion of Trades Math 10.

School or Centre:

School of Arts and Science

Year of Study:

ABE Intermediate Level (Grade 9/10)

Course History:

Revised Course

Name of Replacing Course (if applicable):

Course Pre-requisites (if applicable):

VCC MATH 0316 with a C-, or Math 8 with a C-, or Math 9 with a C-, or Apprenticeship and Workplace Mathematics with a C-, or 60% on the VCC Basic Mathematics Assessment.

Course Co-requisites (if applicable):

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Instructional Strategies:

Self Paced: A combination of classroom presentation, small group workshops, and individualized self-paced instruction.

Course Learning Outcomes:

Perform basic arithmetic operations with whole numbers, fractions and decimals

Set up and calculate ratio and proportion problems up to and including similar triangles

Calculate percent

Have a knowledge of basic statistics; mean median, mode, bar graphs, line graphs, circle graphs

Convert between metric measurements and between metric and imperial measurements

Calculate perimeter area and volume of regular shapes using formulas

Have a basic knowledge of algebra including signed numbers, first degree equations and basic problem solving

Have a basic knowledge of geometry including regular shapes and the Pythagoras theorem

Program Learning Outcomes:

Course Topics:

1. Whole Numbers
2. Fractions
3. Decimals
4. Ratios
5. Percents
6. Statistics
7. Metric Measures
8. Perimeter, Area, and Volume
9. Introduction to Algebra
10. Geometry
11. Triangles

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about/governance--policies/policies/>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

FOR COMMITTEE USE ONLY

Approved by Curriculum Committee:	October 25, 2016	Approved by Education Council:	
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