



COURSE OUTLINE

Course Name: Trades Math 10 Part 2

Course Number: MATH 0757

Number of Credits: 4.0

Effective Date: January 2017

Course Description:

MATH 0757 is a course offered in conjunction with MATH 0755 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 Basic Education Math Level 6, 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, individualized self-paced instruction, and hands-on activities.

Course Learning Outcomes:

Apply the theoretical knowledge of geometry and measurement to 20 practical assignments wherein the students are tasked with determining the perimeter, area and/or volume of irregular and regular 3d shapes in the CCA lab and around the college.

Transfer these skills directly to trades which involve calculating measurement in fields such as carpentry, landscaping, drafting etc.

Program Learning Outcomes:

Evaluation/Grading System

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		D

Components and Weighting of the Assessment/Evaluation Plan:

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Quizzes/Tests	100	20 practical assignments, equally weighted
Total	100	

Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
	96	
Total	96	

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

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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