CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 024 Fundamental Mathematics 4
Fall 2017; Section S02 (2017/09/06 - - 2017/12/13)

COURSE OUTLINE

The Approved Course Description is available on the College website
http://camosun.ca/learn/programs/academic-upgrading/what-youll-learn/upgrading.html#tabs-fundamental_a

1. Instructor Information

(a) Instructor: Augustin Rusekampunzi_____

(b) Office hours:1130-1230 (M&W); 1230-1630(T&Th) **CBA 108** _____

(c) Help Centre hours: 0930 – 1030(T & Th); 0900 – 1030 (F) **CBA 109** _

(d) Location: CBA 117_____

(e) Phone: 2503704489 Alternative: N/A _____

(f) E-mail: ruse@camosun.bc.ca _____

(g) Website N/A _____

2. Intended Learning Outcomes

Complete ABE Fundamental Mathematics learning outcomes at ABE Articulation Handbook website http://www2.gov.bc.ca/assets/gov/education/post-secondary-education/adult-education/2016-17_abe_guide.pdf

On completion of the course students will be able to…

- Use math vocabulary related to place value, adding, subtracting, multiplying, and dividing decimals to 10,000ths.
- Identify place value and compare the magnitude of decimals.
- Round decimals to a given place.
- Add, subtract, multiply, and divide decimals.
- Use addition, subtraction, multiplication, or division of decimals to solve application problems.
- Solve multi-operation application problems involving decimals.
- Measure length, mass, capacity, and temperature using metric and imperial devices.
- Convert measurements within the metric system.
- Add and subtract metric measurements.
- Work independently on the materials provided, and ask for help when needed.
- Use strategies to organize work and notes, and to manage time and math anxiety.

3. Required Materials

(a) textbook: *Adult Literacy Fundamental Mathematics Book Four*

Supplementary Materials

(b) three-ring binder, lined paper, graph paper
(c) pencils, eraser, ruler, highlighter, file cards

4. Course Instructions and Content

(a) for each topic of the book listed below, study the explanations and examples, then work through and check your answers to as many exercise problems as you need to fully understand
(b) ask for help when you have difficulties, or when you don't understand something
(c) complete the Self-Tests for each topic and check your answers, then to prepare for the Unit Test complete the Review problems at the end of each unit
(d) after clearing up any problems and correcting your errors, ask your instructor for authorization to write the Unit Test
(e) review your test results with the instructor, and proceed to the next unit if you score 75% or better, or rewrite the test if you score less than 75%
(f) calculators may not be used on tests, unless approved by the instructor

The course completion time will vary for each student, depending on a number of factors, including your current level of math skills, motivation, learning rate, and how much time you have to study math, either at the college or at home. Students generally need to spend 5–15 hours of study time per week to complete each math course within a reasonable amount of time.

	unit	topic	MATH 024 course content – Book Four	date	
	1		**Working With Decimals**		
		A	Part of the Whole Thing		
		B	Reading and Writing Decimals		
		C	Comparing Decimals		
		D	Review: Rounding Whole Numbers		
			Unit 1 Review		
			Unit 1 Test		
	2		**Adding and Subtracting Decimals**		
		A	Adding Decimals		
		B	Subtracting Decimals		
		C	Bookkeeping		
			Unit 2 Review		
			Unit 2 Test		
	3		**Multiplying Decimals**		
		A	Multiplying Decimals		
			Unit 3 Review		
			Unit 3 Test		
	4		**Dividing Decimals**		
		A	Dividing Decimals		
			Unit 4 Review		
			Unit 4 Test		
	5		**Using Decimals in Real Life**		
		A	Unit Pricing		
		B	Decimal Problems		
			Unit 5 Review		
			Unit 5 Test		

	unit	topic	MATH 024 course content – Book Four	date	
	6		**Measurement**		
		A	Why Metric?		
		B	The Prefixes		
		C	Measuring		
		D	Conversion Within the Metric System		
			Unit 6 Review		
			Unit 6 Final Test		

5. Basis of Student Assessment (Weighting)

The MATH 024 course grade is the average of all unit Final Test scores.

Note: Students with a record of poor attendance OR poor progress may be restricted from re-registering in Academic and Career Foundations Department courses.

6. Grading System

A+	90–100%	B+	77–79%	C+	65–69%
A	85–89%	B	73–76%	C	60–64%
A–	80–84%	B–	70–72%	IP	in progress

7. Learning Support and Services for Students

ACADEMIC UPGRADING HELP CENTRE (CBA 109 or Ewing 342)
http://camosun.ca/services/help-centres/math.html

Help with coursework, reference & learning materials library,
computers & printers, quiet testing & study areas

There are many other Camosun services available to help you succeed in and out of the classroom, including education planning, learning and personal support, campus life, work and housing, and getting around. This information is available at Registration or the College web site
http://camosun.ca/services/

8. College Policies

ACADEMIC PROGRESS

The purpose of this policy is to enhance a learner's likelihood of success, and to encourage the learner to use College resources effectively.

http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf

GRADING

The purpose of this policy is to ensure that grading and promotion are consistent and fair.
http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf

STUDENT CONDUCT

The purpose of this policy is to provide clear expectations of appropriate academic and non-academic student conduct, and to establish processes for resolution of conduct issues or the imposition of sanctions for inappropriate conduct.
http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf