CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 024 Fundamental Mathematics 4
Fall 2015, Sept. 8-Dec. 22, 2015
COURSE OUTLINE

The Approved Course Description is available on the College website
http://www.camosun.bc.ca/learn/calendar/index.html

Ω *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records.*

---

1. Instructor Information

My Schedule **Sept. 8-Dec. 22, 2015**

Fall 2015 Schedule Nicolas Mai Ph: 370 – 3848
Office: Interurban CBA 149
e-mail: mai@camosun.bc.ca

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 10:20		Office CBA 149		Office CBA 149	Office CBA 149
10:30- 12:20		**Math** S03 CBA 117		**Math** S03 CBA 117	**Math** S03 CBA 117
12:30- 3:20	**Math** S05 CBA 117	Lunch Help Centre CBA 109 1- 2	**Math** S05 CBA 117	Lunch Help Centre CBA 109 1-2	Lunch Dept. Meetings
4:30-5	Office Ewing 343	Office CBA 149	Office Ewing 343	Office CBA 149	
5-7:50	**Math** S09 Ewing 344		**Math** S09 Ewing 344		

2. Intended Learning Outcomes

(complete ABE Fundamental Mathematics learning outcomes at ABE Articulation Handbook website http://www.aved.gov.bc.ca/abe/handbook.pdf)

At 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 Content and Schedule

Self-paced Instructions

(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 Final 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 Final Test
(e) review your Final Test results with the instructor, and proceed to the next unit if you score 75% or better, or rewrite the Final Test if you score less than 75%
(f) calculators may not be used on the Final 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 Final Test		
	2		**Adding and Subtracting Decimals**		
		A	Adding Decimals		
		B	Subtracting Decimals		
		C	Bookkeeping		
			Unit 2 Review		
			Unit 2 Final Test		
	3		**Multiplying Decimals**		
		A	Multiplying Decimals		
			Unit 3 Review		
			Unit 3 Final Test		
	4		**Dividing Decimals**		
		A	Dividing Decimals		
			Unit 4 Review		
			Unit 4 Final Test		

	unit	topic	MATH 024 course content – Book Four	date	
	5		**Using Decimals in Real Life**		
		A	Unit Pricing		
		B	Decimal Problems		
			Unit 5 Review		
			Unit 5 Final Test		
	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 based on the average of all unit Final Test passing 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

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.)

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. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, Registration, or on the College website *http://camosun.ca/services/*

ACADEMIC CONDUCT POLICY

It is the student's responsibility to become familiar with the content of the Academic Conduct Policy. The policy is available in each School Administration Office, Registration, and on the College website *http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.1.pdf*

ACADEMIC PROGRESS POLICY

The Academic Progress Policy designed to enhance a learner's likelihood of success. Students should become familiar with the content of this policy, The policy is available in each School Administration Office, Registration, and on the College website *http://camosun.ca/about/policies/education-academic/e-1-programming-&-instruction/e-1.1.pdf*