CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 025   Fundamental Mathematics 5
Fall 2016(Sept 8 - December 16, 2016)

Section S03

COURSE OUTLINE

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

1. Instructor Information

Instructor: Nicolas Mai   Voicemail: 370-3848
Office: CBA 149   e-mail: mai@camosun.ca

My Schedule   **Sept. 6-Dec. 16, 2016**

Fall 2016 Schedule   Nicolas Mai Ph: 370 – 3848
Office: **Interurban** CBA 149 & **Ewing** 218
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	Office CBA 149	**Math** S03 CBA 117	Office CBA 149	**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 218	Office CBA 149	Office Ewing 218	Office CBA 149	
5-7:50	**Math** S09 Ewing 344		**Math** S09 Ewing 344		

Office Hours By Appointment

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 simplifying, adding, subtracting, multiplying, and dividing fractions and mixed numbers.
- Simplify, add, subtract, multiply, and divide fractions and mixed numbers.
- Convert between fractions and decimals, and compare the magnitude of fractions and decimals.
- Use addition, subtraction, multiplication, or division of fractions and mixed numbers to solve application problems.
- 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 Five*

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 025 course content – Book Five	date	
1		**Common Fractions**		
	A	Introducing Common Fractions		
	B	Common Fractions		
	C	When to Use a Fraction or a Decimal		
		Unit 1 Review		
		Unit 1 Final Test		
2		**Equivalent Fractions**		
	A	Equivalent Fractions		
		Unit 2 Review		
		Unit 2 Final Test		
3		**Multiplying and Dividing Fractions**		
	A	Multiplying Common Fractions		
	B	Dividing Common Fractions		
		Unit 3 Review		
		Unit 3 Final Test		
4		**Adding and Subtracting Fractions**		
	A	Adding Common Fractions		
	B	Subtracting Common Fractions		
	C	Problems Using Common Fractions		
		Unit 4 Review		
		Unit 4 Final Test		

unit	topic	MATH 025 course content – Book Five	date	
5		**Common Fractions and Decimals**		
	A	Common Fractions and Decimals		
	B	Comparing Fractions and Decimals		
		Unit 5 Review		
		Unit 5 Final Test		

5. Basis of Student Assessment (Weighting)

The MATH 025 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. Learning Support and Services for Students

ACADEMIC UPGRADING HELP CENTRE (CBA 109)

Help with coursework, reference & learning materials library,
computers & printer, 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/learn/calendar/current/procedures.html

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