



CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 025 Fundamental Mathematics 5
Winter 2018 (Jan. 8-April. 14)

Section S04

COURSE OUTLINE

Instructor: Nicolas Mai **Phone:** 250-370 – 4481
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The Approved Course Description is available on the College website
<http://www.camosun.ca/learn/calendar/current/>

My Schedule Winter 2018 (Jan. 8-April. 14)
Website: <https://sites.camosun.ca/acf-math>

| Time | Monday | Tuesday | Wednesday | Thursday | Friday |
|-------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 9:00 | Office CBA 149 | Office CBA 149 | Office CBA 149 | Office CBA 149 | Office CBA 149 |
| 10:20 | | | | | |
| 10:30 | Help Centre CBA 109 | Math S03 CBA 117 | Help Centre CBA 109 | Math S03 CBA 117 | Math S03 CBA 117 |
| 11-12 | | | | | |
| 12:20 | | | | | |
| | Lunch | Lunch | Lunch | Lunch | Lunch |
| 12:30 | Math S05 CBA 117 | Math S04 CBA 117 | Math S05 CBA 117 | Math S04 CBA 117 | Dept. Meetings |
| 3:20 | | | | | |
| 4:00 | | | | | |
| | Office | Office | Office | Office | |

e-mail: mai@camosun.bc.ca

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.
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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 | |

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>
