



COURSE OUTLINE

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

1. Instructor Information

- (a) Instructor: Karen Lightbody
- (b) Office hours: 12:30 -1:00 pm and 4:00 – 4:30 Tuesday and Thursday
- (c) Location: OFF CAMPUS -- Bridges for Women Society
- (d) Phone: 250-588-8277
- (e) Email: lightbodyk@camosun.bc.ca

2. Intended Learning Outcomes

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

At the end of the course, students will be able to:

1. demonstrate knowledge and skills in using the principles and operations of arithmetic and measurement
2. apply a variety of strategies in solving math-related problems
3. apply knowledge and skills in arithmetic and measurement to solve problems related to the Professional Cook Foundations Program
4. use knowledge of arithmetic, measurement, and applied problems as a basis for further study in the Professional Cook Foundations Program

3. Required Materials

- textbook: *Line B, Solve Mathematical Problems, Trades Common Core*
- course outline: including *Applied Math Problems for the Professional Cook Program*
- scientific calculator
- optional supplementary materials from MATH 023–034

4. Course Instructions and Content

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 work on this course. Students generally need to spend 5–15 hours of study time per week, either at the college or at home, to complete a math course within 4 months.

The table below lists the six competencies or chapters in the Line B text that are required for the Professional Cook Foundations Program. Follow these steps to complete each competency:

1. skip the Pre-Test
2. study the explanations and examples
3. answer and check **all** questions in the order listed in the table below
4. complete all of the Professional Cook Applied Problems for that competency
5. ask the instructor for help whenever you need it

To prepare for the Final Test, write the Practice Test and review your results with the instructor.

MATH 037 course content	Line B page #	question #	MATH 037 course content	Line B page #	question #
Competency B-1 – Whole Numbers			Competency B-4 – Metric and Imperial Measurements		
	5	1–4		46	1–2
	3	1–5		49	1–6
	7	1–5		43	1–2
B-1 Professional Cook Applied Problems		1–10		50	1–2
			B-4 Professional Cook Applied Problems		1–10
Competency B-2 – Fractions					
	15	1–4	Competency B-5 – Ratio and Proportion		
	17	1–4		59	1–12
	20	1–4		55	1–10
	21	1–5		62	1–10
	11	1–20	B-5 Professional Cook Applied Problems		1–10
	23	1–15			
B-2 Professional Cook Applied Problems		1–10	Competency B-6 – Percent		
				69	1–4
Competency B-3 – Decimals				73	1–4
	32	1–2		67	1–5
	33	1–2		74	1–5
	37	1–5	B-6 Professional Cook Applied Problems		1–10
	29	1–10			
	38	1–15	MATH 037 Practice Test		
B-3 Professional Cook Applied Problems		1–10	MATH 037 Final Test		

5. Basis of Student Assessment (Weighting)

The course grade is either COM (complete) or IP (in progress) or NC (not complete), and is based on the student's score on the Final Test, which covers all of the required units (passing score 75%).

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

COM complete

IP in progress

NC not complete

7. Learning Support and Services for Students

Academic Upgrading Help Centre (CBA 109 Interurban campus)

Math Help Centre (Ewing 342 Lansdowne Campus)

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/about/policies/education-academic/e-1-programming-&-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-&-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-&-support/e-2.5.pdf>