



## COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/math.html>

### 1. Instructor Information

(a)	Instructor:	Laura Shepherd		
(b)	Office Hours:	11:20 - 2:20 M, Tu & Th		
(c)	Location:	E266		
(d)	Phone:		Alternative Phone:	
(e)	Email:	shepherd@camosun.bc.ca		
(f)	Website:	www.camosun.ca/math		

### 2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Solve linear system problems using the Gauss-Jordan Elimination Method and the Inverse Matrix Method.
2. Use the Simplex Method to solve linear programming problems, including those with mixed constraints.
3. Solve basic counting problems using permutations and combinations.
4. Perform calculations that apply the basic properties and concepts of probability, including Bayes' Rule and Markov Chains.
5. Compute and interpret descriptive statistics.
6. Perform computations using the normal and binomial distributions.
7. Determine the validity of arguments by using truth tables and by using the basic laws of logic.
8. Derive simple annuity formulas and apply them to solve amortization problems.

### 3. Required Materials

- (a) Finite Mathematics and its Applications. Custom Edition for University of Victoria.
- (b) Camosun will be using a new Finite Math textbook starting this spring 2012. This new textbook is the same custom book that UVic uses for their Finite Math course.

**If you want a hard copy of the textbook**, then the best deal is to buy our new course package which contains the custom textbook and access to MyMathLab. You need MyMathLab to do assigned online homework. MyMathLab also gives you access to an e-copy of the custom textbook, video-clips explaining some of the exercises, etc. We believe the cost will be about \$140.

**If you don't want a hard copy of the textbook**, then just purchase access to MyMathLab online through the [www.mymathlab.com](http://www.mymathlab.com) website. The cost for this is about \$80.

The Course Id for MyMathLab for Math 107-001 Spring 2012 is shepherd13239 . You will need this access code the first time you sign into MyMathLab.

#### 4. Course Content and Schedule

Your term mark is based on 3 quizzes and 7 online assignments. If you complete all of your assignments, write all of your quizzes and attain an average of 50% or more on the quizzes your final exam mark may be used as your grade replacing your in class mark.

**There are no make-up tests.** If you miss a quiz for any reason please see me as soon as possible.

#### 5. Basis of Student Assessment (Weighting)

- (a) Assignments: 7 online assignments (10%)
- (b) Quizzes: 3 in class quizzes (40%)
- (c) Exams: Final Exam (50% or 100%)

#### 6. Grading System Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

#### Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at [camosun.ca](http://camosun.ca) for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 <sup>rd</sup> course attempt or at the point of course completion.)
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

#### 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, at Student Services, or the College web site at [camosun.ca](http://camosun.ca).

##### STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**.  
It is the student's responsibility to become familiar with the content of this policy.  
The policy is available in each School Administration Office, at Student Services,  
and the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED