

	<p>School of Access  Department of Mathematics &amp; Statistics  <b>MATH 135 001</b>  Career Algebra  <b>Summer 2017</b></p>
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## COURSE OUTLINE

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

⚡ Please note: the College electronically stores this outline for five (5) years only.  
It is **strongly recommended** you keep a copy of this outline with your academic records.  
You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

### 1. Instructor Information

(a)	Instructor:	Crystal Lomas
(b)	Office Hours:	Interurban: Mon & Wed 9:30-10:20 Lansdowne: Tues 1:30-2:20 & 4:30-5:20    Thurs 1:30-2:20 & 4:30-5:20
(c)	Location:	Ewing 270 (Lansdowne) & CBA 156 (Interurban)
(d)	Phone:	250-370-3428
(e)	Email:	LomasC@camosun.bc.ca
(f)	Website (D2L):	<a href="http://online.camosun.ca">http://online.camosun.ca</a>

### 2. Intended Learning Outcomes

(3 credits) This course may be used for entry into business programs, the criminal justice program, elementary education, and elementary statistics. It is also a good choice for students who want to refresh their skills before tackling a higher level mathematics course. Topics include a brief review of fractions, decimals, percentages and signed numbers; solving linear equations and inequalities in one variable; graphing linear equations and inequalities in two variables; function notation; systems of linear equations; integer and rational exponents; and fundamental polynomial operations.

Source: Camosun College calendar <http://camosun.ca/learn/calendar/current/web/math.html>

### 3. Exit Grade

A grade of C+ (65%) or better is needed for Business programs at Interurban, Math 112, 113, or 109. A grade of C (60%) or better is needed for Math 116 or 137. A grade of B (73%) or better is needed for Math 139. Note that Math 135 cannot be used by BBA students to satisfy the UT math requirement (although it can satisfy prerequisites).

### 4. Required Materials

- (a) Textbook: *Career Algebra, Tobey, Slater, Blair, Crawford, 1<sup>st</sup> Custom Edition, Pearson, 2013.*
- (b) Calculator: The calculator allowed on tests and the final exam is the *Sharp EL-531* or *Texas Instrument BAII Plus (for business students)*. You may not share calculators. **There is a non-calculator portion of the final exam.**

## 5. 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.

### ACADEMIC PROGRESS POLICY

There is an 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 web site in the Policy Section.  
<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf>

### STUDY TIPS

It is recommended that approximately **3-6 hours** per week be spent studying for this course outside of class time. Find a study buddy to discuss problems, use the math help centres, spend time reviewing your notes, and thoughtfully complete the textbook exercises.

## 6. Basis of Student Assessment (Weighting)

### Grade Calculation

The final grade will be calculated according to the following breakdown:

Assignments:	20% total
Term Tests:	30% total
Final Exam:	50%

### Assignments

There will be 4 assignments, equally-weighted.

- You must work on each assignment regularly; there will be no extensions. You may submit assignments early.
- If a serious situation arises that prevents you from submitting an assignment on time, please email me as soon as possible and provide documentation (i.e. a doctor's note).
- Your assignments must be **entirely your own work in your own words**. Copying someone else's work is academically dishonest and comes with serious consequences.

## Term Tests

There will be 4 in-class term tests, equally-weighted.

- You must write term tests during class time on the scheduled dates.
- If a serious situation arises that prevents you from writing a test at the scheduled time, please email me as soon as possible and provide documentation (i.e. a doctor's note).
- No electronic device other than the approved calculator may be used on term tests. You may not use a calculator on the first test.
- No papers, references, books, etc., may be used on term tests.
- There is absolutely **no collaboration** permitted on term tests.

## Final Exam

- You must write the final exam at the scheduled time except in emergency situations (scheduled flights, vacations, and jobs are not considered emergencies).
- The final exam schedule will be posted on May 19th and spans August 8-16. Do not make commitments for this period until you know your exam date(s).
- The final exam is cumulative and 3 hours long.
- No electronic device other than the approved calculator may be used on the exam and you may not use a calculator on the first 25% of the exam.
- No papers, references, books, etc., may be used on the exam.
- There is absolutely **no collaboration** permitted on the exam.

## 7. 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

## 8. Course Content and Schedule

We will cover the following chapters in the textbook:

- Chapter R – A Brief Review of Arithmetic Skills
- Chapter 1 – Real Numbers and Variables
- Chapter 2 – Equations and Inequalities
- Chapter 3 – Solving Applied Problems
- Chapter 4 – Exponents and Polynomials
- Chapter 5 – Graphing and Functions
- Chapter 6 – Systems of Equations

Plus two supplementary topics, Compound Inequalities (Section 2.6\*) and Rational Exponents (Section 4.2\*), that can be found in PDF form on D2L.

### 2017S Schedule

Date	Class Topics	Date	Class Topics
<b>Monday, May 1</b>	R1-R4	<b>Wednesday, May 3</b>	R5-R6
<b>Monday, May 8</b>	1.1-1.4	<b>Wednesday, May 10</b>	1.5-1.7 (Assignment 1 Due)
<b>Monday, May 15</b>	1.8-1.9	<b>Wednesday, May 17</b>	<b>Test 1 (Chapter R – no calc)</b>
<b>Monday, May 22</b>	<i>Holiday</i>	<b>Wednesday, May 24</b>	2.1-2.3
<b>Monday, May 29</b>	2.3-2.4	<b>Wednesday, May 31</b>	2.5-2.6
<b>Monday, June 5</b>	2.6* (on D2L)	<b>Wednesday, June 7</b>	3.1-3.3 (Assignment 2 Due)
<b>Monday, June 12</b>	3.4-3.6	<b>Wednesday, June 14</b>	<b>Test 2 (Chapters 1 &amp; 2)</b>
<b>Monday, June 19</b>	4.1-4.2	<b>Wednesday, June 21</b>	4.2*-4.3
<b>Monday, June 26</b>	4.4-4.6	<b>Wednesday, June 28</b>	4.6-5.2
<b>Monday, July 3</b>	<i>Holiday</i>	<b>Wednesday, July 5</b>	5.2-5.3 (Assignment 3 Due)
<b>Monday, July 10</b>	5.4-5.5	<b>Wednesday, July 12</b>	<b>Test 3 (Chapters 3 &amp; 4)</b>
<b>Monday, July 17</b>	5.5-5.6	<b>Wednesday, July 19</b>	6.1-6.2
<b>Monday, July 24</b>	6.3 & 6.5	<b>Wednesday, July 26</b>	6.5 & 6.4 (Assignment 4 Due)
<b>Monday, July 31</b>	Review	<b>Wednesday, Aug 2</b>	<b>Test 4 (Chapters 5 &amp; 6)</b>
<b>Final Exam</b>	TBA [Aug 8-16]		

## 9. Other Information

### Extra Help

You can get free face-to-face tutoring from our instructional assistants in the Math Help Centres in E342 (Lansdowne) or Tec142 (Interurban). Hours are posted on the lab doors and on the web <http://camosun.ca/services/help-centres/math.html>.

### D2L

This class has the assistance of Desire2Learn (D2L), an online course management system. All course related materials, grades, and announcements will be available on D2L. It is your responsibility to ensure you have access to D2L and to check it regularly. I recommend setting up alerts by clicking on your name in the top right corner and navigating to Notifications.

### Academic Integrity

The Department of Mathematics and Statistics has prepared a “red handout” called *Student Guidelines for Academic Integrity* to help you interpret college policies involving student conduct, academic dishonesty, plagiarism, etc. It is your responsibility to become familiar with the contents of the document and the college policies it references.

### Class Time

It is expected that you will attend each class and be an active learner. This means participating in class discussions and attempting any problems the class is working on. Please come prepared with paper, pencils, ruler, calculator, etc. Bringing your textbook is not required, but you may find it useful.