

SAMPLE COURSE OUTLINE

Creation date:

Revision date:

Course Code, Number, and Title:

MATH 1100: Mathematics Skill Development

Course Format:

Lecture 4.0 h + Seminar 1.0 h + Lab. 0.0 h

Credits: 3.0

Transfer Credit: For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

A course in the fundamentals of arithmetic (including signed numbers) for those likely to have trouble in elementary algebra, business mathematics or statistics. Students are guided and supported through individual work and attend regular classes on selected topics. This course does not correspond to the high school curriculum in any way, but on completing the course, students will be competent in arithmetic skills up to and including the Grade 9 level. Graded S/U.

May not be used as credit towards a Langara College credential.

This course is not recommended to students who previously completed Grade 12 Mathematics.

Prerequisite(s):

This course is not available to students with a "C-" grade, higher in B.C. Principles of Mathematics 12 or Precalculus 12, or equivalent. An "S" grade in this course enables students to progress to MATH 1101. An "S" grade in this course and passing the MATH 1100 Business package enables students to progress to MATH 1118. An "S" grade in this course and passing the MATH 1100 Statistics package enables students to progress to STAT 1124. Prerequisites are valid for only three years.

Learning Outcomes:

- Perform basic operations on positive and negative whole numbers, fractions and decimals
- Perform basic mathematical operations on ratios, proportions and percentages.
- Apply math concepts to solve simple problems in geometry (e.g. length, perimeter, area, and volume), rate, ratios and percent problems
- Simplify and solve simple algebraic and fractional equations

Instructor(s): TBA

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Office: TBA

Phone: (604) 323-XXXX

Email: TBA

Office Hours: TBA

Textbook and Course Materials:

Textbook: *Basic College Mathematics, 13E* by Marvin Bittinger (Pearson, 2019)

Calculators: A basic scientific calculator is permitted for use after Chapter 4 (i.e. for Chapters 5-11)

For textbook information, visit https://mycampusstore.langara.bc.ca/buy_courselisting.asp?selTerm=3|8

Note: *This course may use an electronic (online) instructional resource that is located outside of Canada for mandatory graded class work. You may be required to enter personal information, such as your name and email address, to log in to this resource. This means that your personal information could be stored on servers located outside of Canada and may be accessed by U.S. authorities, subject to federal laws. Where possible, you may log in with an email pseudonym as long as you provide the pseudonym to me so I can identify you when reviewing your class work.*

Assessments and Weighting:

Final Exam %

Other Assessments %

(An example of other assessments might be:) %

Information unavailable, please consult Department for details

Grading System:

Students' transcripts will show S, U or SR with the following meanings:

S for "Satisfactory" will be given when

1. All chapter tests in the Basic mathematics text has been passed with 100% accuracy and
2. Student obtains a 75% on the final exam.

Students continuing from last semester who have obtained an SR will receive an "S" when they

1. Complete the remaining 6 chapters with 100% accuracy and
2. Obtain a 75% in the final exam.

U for "Unsatisfactory" will be given when

Students who do not complete a minimum of the first 5 chapters

SR for "Satisfactory but Restricted" is work still in progress when

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Students who find out that they are only able to complete half of the course material in one semester, that is Chapter Tests 1 through 5 with 100% accuracy and decide to finish the remaining chapters in the following semester.

Topics Covered:

[Topics covered may vary by instructor. An example of topics covered might be:]

Information unavailable, please consult Department for details

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

[E1003 - Student Code of Conduct](#)

[F1004 - Code of Academic Conduct](#)

[E2008 - Academic Standing - Academic Probation and Academic Suspension](#)

[E2006 - Appeal of Final Grade](#)

[F1002 - Concerns about Instruction](#)

[E2011 - Withdrawal from Courses](#)

Departmental/Course Policies:

A lifetime maximum of two U's may be received, after which no entry to Math 1100 will be permitted without special permission from the Department.

This permission is not given lightly, since we turn away many students every semester and wish seats to go only to those students who are committed to learning.

Student is not guaranteed a space in M1100 the following semester after receiving an SR.

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