SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

MATH 1119: Mathematics of Business Affairs

Course Format:
Lecture 4.0h + Seminar 0.0h + Lab 0.0h

Credits: 3.0   **Transfer Credit:** For information, visit bctransferguide.ca

Course Description, Prerequisites, Corequisites:

Basic mathematics of everyday business affairs including simple and compound interest, promissory notes, installment buying, trade discounts, loans, mortgages, insurance, investments.

College credit will be given for only one of the following courses: MATH 1118 or 1119.

Note: Recent successful completion of Math 10 is strongly recommended.

Learning Outcomes:

- Solve simple business-related problems using mathematical and algebraic skills
- Use percentages, ratios, and proportions to solve merchandising problems such as trade discounts, markups, markdowns, and profit allocation.
- Apply the concept of the time value of money to business applications
- Calculate interest, present and future values using simple interest, compound interest
- Calculate payments, deposits, present and future values for annuities in budgeting and for mortgages

Instructor(s): TBA

Office: TBA   **Phone: (604) 323-XXXX**   **Email: TBA**

Office Hours: TBA

Textbook and Course Materials:

Textbook selection may vary by instructor. An example of texts and course materials for this course might be:

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Business Mathematics in Canada, Ninth Edition, By F. Jerome, Tracy Worswick, McGraw-Hill Ryerson Limited.

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 35%
Other Assessments 65%

An example of other assessments might be:

Attendance, Assignements & Quizzes 15%
Examination I 25%
Examination II 25%

Grading System: Letter grades.
Specific grading schemes will be detailed in each course section outline.

Topics Covered:

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

- Order of operations
- Fractions and decimals
- Application: Averages
- Basic Percent
- Percent change
- Ratios, proportions
- Application: Index numbers
- Trade discounts
- Cash discounts
- Markup, markdown, and applications
- Simple Interest – basic concepts, determining time, maturity value
- Compound Interest – basic concepts, maturity value, present value, equivalent payments
- Annuities – Future value, present value, mortgages

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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:

Additional Help at MSAC (Math Activity Centre) B Building Room B154

Students can receive in person assistance at the MAC during advertised hours. It is a place for students to obtain assistance with problems in Mathematic and Statistics outside instructor's normal office hours. There is a schedule posted outside the centre which outlines the times that help is available and for which courses it is available.

Use the service!

Examinations and Quizzes

1. It is a departmental policy that a student must achieve at least 50% in the final for the instructor to consider the students term marks.
2. Final examination will be 1 hours and 50 minutes long, closed book and cumulative.
3. Final examination should be written at the date and time advertised by the registrar's office. Students are not allowed to write at any other time. Students missing the final will receive an "N".
4. Quizzes are from the problems in the textbook.
5. All quizzes are collaborative.
6. No cell phone is allowed as a calculator during any exam.
7. No electronic device is allowed during exam.

Expectations

1. You are responsible for all course content and are therefore responsible for knowing what has been covered and said in all classes. Your instructor will not provide answers to e-mails requesting a restatement of what has been said in a previous class. Furthermore, you are expected to read and be prepared to discuss material assigned prior to class.
2. Langara College welcomes all students into an environment that creates a sense of community of pride and respect; we are all here to work cooperatively and to learn together. You are

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encouraged to participate actively in class and contribute to the creation of a positive learning environment.

3. There will not be any alternative date and time for switching midterms. For any reason final exam time and date cannot be changed or switched.

4. If you miss any of the interim exams' assignment or deadline, you are required to contact your instructor or you will receive 0%. There will be no exceptions to this standard, other than under exceptional documented circumstances.

5. It is your responsibility to attend classes, keep up with the course, know what has been covered, etc. If you miss a class, information will not be repeated for your sole benefit.

6. If you miss class you cannot photocopy/take pictures of my notes.

7. *Attendance in class is expected.* This course demands regular and continuous effort directed at problem solving preparation for examinations that integrate various topics. Each chapter has comprehensive review problems with solution and these are highly recommended for your study.

8. Students missing more than 3 sessions of lecture time will receive 0% for attendance.

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