Creation date: March 26, 2021
Revision date:

SAMPLE COURSE OUTLINE

Course Code, Number, and Title:

MATH 2373: Real Analysis

Course Format:
[Course format may vary by instructor. The typical course format would be:]

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

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

Course Description, Prerequisites, Corequisites:

An introduction to the theoretical foundations of calculus. Topics include the nature of mathematical proof, properties of real numbers, limits, sequences, series, continuity and differentiation.

Prerequisite(s): A minimum "C+" grade in one of the following: MATH 1271, 1273, 1274, or 1275. Prerequisites are valid for only three years.

Learning Outcomes:

Upon successful completion of this course, students will be able to…

- Apply basic rules of logic to construct mathematical proofs
- Define rigorously the fundamental concepts of Calculus: limit, derivative, integral
- Prove key theorems from Differential & Integral Calculus

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

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

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 30%
Other Assessments 70%
[An example of other assessments might be:]

Presentations 10%
Quizzes 30%
Two Midterms 30%

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

Letter Grade	D	C-	C	C+	B-	B	B+	A-	A	A+
Approx % Range	48-52	53-57	58-62	63-67	68-72	73-76	77-79	80-84	85-95	96-100

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

Upon successful completion of this course, students will be able to…

- Logic and Proof
- Sets and Functions
- The Real Numbers
- Sequences
- Limits and Continuity
- Differentiation
- Integration
- Infinite Series

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:

Information unavailable, please consult Department for details.