



CAPILANO UNIVERSITY

COURSE OUTLINE		
TERM: Fall 2022	COURSE NO: UOF 098	
INSTRUCTOR:	COURSE TITLE: Foundations in Quantitative Reasoning	
OFFICE: LOCAL: E-MAIL: @capilanou.ca	SECTION NO(S):	CREDITS: 3.0
OFFICE HOURS:		
COURSE WEBSITE: https://elearn.capu.ca/		

Capilano University acknowledges with respect the Lil'wat, Musqueam, Squamish, Sechelt, and Tsleil-Waututh people on whose territories our campuses are located.

COURSE FORMAT

4 instructional hours per week. 3 hours scheduled in the classroom and 1 fourth hour delivered in a variety of ways--which may include small group meetings with faculty, field trips, guest speakers, Indigenous story-tellings, on-line instruction, or tutorials--for a 15 week semester, which includes two weeks for final exams.

This course employs a critical pedagogy and delivery that integrates talking circles and dialogues, Indigenous story-tellers, and collaborative and experiential learning activities supported by Indigenous guest speakers and Elders.

COURSE PREREQUISITES

None

COURSE CO-REQUISITES

MATH 123

CALENDAR DESCRIPTION

This course primes the quantitative reasoning and problem solving skills necessary for post-secondary success. Students will have the opportunity to review and master the skills and concepts in basic mathematics.

COURSE NOTE

UOF 098 is equivalent to ABST 098. Duplicate credits will not be granted for this course and ABST 098.

REQUIRED TEXTS AND/OR RESOURCES

None

COURSE STUDENT LEARNING OUTCOMES

On successful completion of this course, students will be able to do the following:

- Apply problem solving strategies for a wide range of mathematical problems;
- Apply the skills to complete basic operations with whole numbers, fractions, and decimals;
- Write ratios and solve proportions;
- Convert between fractions, decimals, and percents;
- Evaluate exponents and square roots;
- Perform calculations related to pie charts, bar graphs, and line graphs; and
- Solve linear equations in one variable.

COURSE CONTENT

- Problem solving
- Basic Operations
- Ratios and Proportions
- Fractions, decimals, and percents
- Exponents and square roots
- Graphing
- Linear equations

EVALUATION PROFILE:

Projects, quizzes, in-class assignments, take-home assignments	30%
Term Tests (3 @ 20% each)	60%
Participation*	10%
Total	100%

The instructor will describe expectations for each assignment as the due date approaches.

*Participation:

The grade for the participation component of the course is based upon both the frequency and the quality of the student's comments, questions, and observations, with the emphasis on quality. The quality is determined by, among other things, the relevance, insight, and clarity of remarks.

GRADING PROFILE

Students will be given a letter grade for each assignment and upon completion of the course, corresponding to the table below:

A+ = 90-100	B+ = 77-79	C+ = 67-69	D = 50-59
A = 85-89	B = 73-76	C = 63-66	F = 0-49
A- = 80-84	B- = 70-72	C- = 60-62	

Incomplete Grades

Grades of Incomplete “I” are assigned only in exceptional circumstances when a student requests extra time to complete their coursework. Such agreements are made only at the request of the student, who is responsible to determine from the instructor the outstanding requirements of the course.

Late Assignments

Assignments are due at the beginning of the class on the due date listed. If you anticipate handing in an assignment late, please consult with your instructor beforehand.

Missed Exams/Quizzes/Labs etc.

Make-up exams, quizzes and/or tests are given at the discretion of the instructor. They are generally given only in medical emergencies or severe personal crises. Some missed labs or other activities may not be able to be accommodated. Please consult with your instructor.

Attendance

Students are expected to attend all classes and associated activities.

English Usage

Students are expected to proofread all written work for any grammatical, spelling and stylistic errors. Instructors may deduct marks for incorrect grammar and spelling in written assignments.

Electronic Devices

Students may use electronic devices during class for note-taking only.

On-line Communication

Outside of the classroom, instructors will (if necessary) communicate with students using either their official Capilano University email or eLearn; please check both regularly. Official communication between Capilano University and students is delivered to students’ Capilano University email addresses only.

UNIVERSITY OPERATIONAL DETAILS**Tools for Success**

Many services are available to support student success for Capilano University students. A central navigation point for all services can be found at: <https://www.capilanou.ca/student-life/>

Capilano University Security: download the [CapU Mobile Safety App](#)

Policy Statement (S2009-06)

Capilano University has policies on Academic Appeals (including appeal of final grade), Student Conduct, Academic Integrity, Academic Probation and other educational issues. These and other policies are available on the University website.

Academic Integrity (S2017-05)

Any instance of academic dishonesty or breach of the standards of academic integrity is serious and students will be held accountable for their actions, whether acting alone or in a group. See policy and procedures S2017-05 Academic Integrity for more information: <https://www.capilanou.ca/about-capu/governance/policies/>

Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances, are prohibited and will be handled in accordance with the Student Academic Integrity Procedures.

Academic dishonesty is any act that breaches one or more of the principles of academic integrity. Acts of academic dishonesty may include but are not limited to the following types:

Cheating: Using or providing unauthorized aids, assistance or materials while preparing or completing assessments, or when completing practical work (in clinical, practicum, or lab settings), including but not limited to the following:

- Copying or attempting to copy the work of another during an assessment;
- Communicating work to another student during an examination;
- Using unauthorized aids, notes, or electronic devices or means during an examination;
- Unauthorized possession of an assessment or answer key; and/or,
- Submitting of a substantially similar assessment by two or more students, except in the case where such submission is specifically authorized by the instructor.

Fraud: Creation or use of falsified documents.

Misuse or misrepresentation of sources: Presenting source material in such a way as to distort its original purpose or implication(s); misattributing words, ideas, etc. to someone other than the original source; misrepresenting or manipulating research findings or data; and/or suppressing aspects of findings or data in order to present conclusions in a light other than the research, taken as a whole, would support.

Plagiarism: Presenting or submitting, as one's own work, the research, words, ideas, artistic imagery, arguments, calculations, illustrations, or diagrams of another person or persons without explicit or accurate citation or credit.

Self-Plagiarism: Submitting one's own work for credit in more than one course without the permission of the instructors, or re-submitting work, in whole or in part, for which credit has already been granted without permission of the instructors.

Prohibited Conduct: The following are examples of other conduct specifically prohibited:

- Taking unauthorized possession of the work of another student (for example, intercepting and removing such work from a photocopier or printer, or collecting the graded work of another student from a stack of papers);
- Falsifying one's own and/or other students' attendance in a course;
- Impersonating or allowing the impersonation of an individual;

- Modifying a graded assessment then submitting it for re-grading; or,
- Assisting or attempting to assist another person to commit any breach of academic integrity.

Sexual Violence and Misconduct

All Members of the University Community have the right to work, teach and study in an environment that is free from all forms of sexual violence and misconduct. Policy B401 defines sexual assault as follows:

Sexual assault is any form of sexual contact that occurs without ongoing and freely given consent, including the threat of sexual contact without consent. Sexual assault can be committed by a stranger, someone known to the survivor or an intimate partner.

Safety and security at the University are a priority and any form of sexual violence and misconduct will not be tolerated or condoned. The University expects all Students and Members of the University Community to abide by all laws and University policies, including B.401 Sexual Violence and Misconduct Policy and B.401.1 Sexual Violence and Misconduct Procedure (found on Policy page <https://www.capilanou.ca/about-capu/governance/policies/>)

Emergencies: Students are expected to familiarise themselves with the emergency policies where appropriate and the emergency procedures posted on the wall of the classroom.