CAPILANO UNIVERSITY

COURSE OUTLINE		
TERM: FALL 2023	**COURSE NO: ECON 430**	
INSTRUCTOR:	**COURSE TITLE: Circular Economies**	
OFFICE: LOCAL: **E-MAIL:**	**SECTION NO(S):**	**CREDITS: 3.0**
OFFICE HOURS:		
COURSE WEBSITE:		

Capilano University acknowledges with respect the Lilwat7úl (Lil'wat), xʷmə ̓ θkʷəyəm (Musqueam), shíshálh (Sechelt), Sḵwx̱wú7mesh (Squamish), and Səlílwətaʔ/Selilwitulh (Tsleil-Waututh) people on whose territories our campuses are located.

COURSE FORMAT
Three hours of class time, plus an additional hour delivered through on-line or other activities for a 15-week semester, which includes two weeks for final exams.

COURSE PREREQUISITES
ECON 230

CALENDAR DESCRIPTION
This course covers the emerging field of Circular Economies, which can be characterized as economic systems that aim for minimal waste and pollution. These economies involve models of production and consumption that include sharing, reusing, repairing, refurbishing, and recycling existing materials and products with the goal of maximizing their value and life cycle. The course will study the history of the theory of circular economies; it will discuss specific examples of transitions from linear to circular economies in various industries, communities, countries, and regions. It will also explore the theoretical and empirical frameworks used to plan, assess, and evaluate policies that pursue the implementation of circular economies.

REQUIRED TEXTS AND/OR RESOURCES

Crocker, R., Saint, C., Chen, G. & Tong, Y. (2018). *Unmaking Waste in Production and Consumption: Towards the Circular Economy.* First edition. Emerald Publishing Limited.

Ellen MacArthur Foundation (2013). *Towards the Circular Economy Vol. 1.*

Sillanpaa, M. & Necibi, M. C. (2019). *The Circular Economy: Case Studies About the Transition from the Linear Economy*. Academic Press

Recommended Texts and/or Resources

Braungart, M. & McDonough, W. (2019). *Cradle to cradle: remaking the way we make things*. Vintage Classics.

Lacy, P., Long, J., Spindler, W. (2020). *The circular economy handbook: Realizing the circular advantage.* Palgrave Macmillan UK.

Charter, M. (2018). *Designing for the circular economy*. Taylor and Francis.

COURSE STUDENT LEARNING OUTCOMES
On successful completion of this course, students will be able to do the following:
1. Define and explain the characteristics of circular economies and circular development.
2. Describe and discuss the historical context and factors that created circular economies.
3. Analyse and evaluate policies and plans that aim to transition to circular economies.
4. Identify and compare examples of circular economies in various industries and world regions.
5. Develop and create strategies that incorporate the concepts of a circular economy in existing firms, social enterprises, and government organizations.

COURSE CONTENT

Week(s)	Content
1-2	The Problem of Consumption and the need for Circular Economies Historical Background, Founding Thinkers, Defining Circular Economies
3-4	The link between Economic Concepts and the Circular Economy Scarcity of resources, growth constraints, market failures, externalities, incentives
5-6	The Transition from Linear to Circular: Conceptual and Material changes New models and incentives, new management of resources and waste
7-9	The circular Economy in specific industries Case Examples: mining, chemical, textile, agricultural, water, and tourism industries
10-12	The circular Economy in specific regions Case Examples: North America, Europe, China, and economic developing countries
13	Circular Economy and sustainable development The role of social enterprises and engagement with Government and Corporations
14-15	Final Exam Period

EVALUATION PROFILE

Assignments	10 - 30%
Examinations/Quizzes	25 – 60%
Presentations	10 – 20%
Projects/Case Studies	10 – 20%
Final Examination	20 – 35%
Total	100%

*Note: No single evaluation component will be worth more than 35%.

GRADING PROFILE

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 notetaking 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.