



COURSE OUTLINE: ENV202 - ENV. SUSTAIN. LEADER

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Approved: Karen Hudson, Dean, Community Services and Interdisciplinary Studies

Course Code: Title	ENV202: ENVIRONMENTAL SUSTAINABILITY LEADERSHIP
Program Number: Name	5250: CLIMATE CHANGE MIT. 5255: ENV. SUSTAINABILITY
Department:	NATURAL RESOURCES PRG
Academic Year:	2024-2025
Course Description:	Students will explore the connection between leadership and sustainability from a variety of disciplinary perspectives. Students will focus on reflective practice, professional conduct, and leadership skills for climate action leaders. Students will also consider a systems approach to conflict and change management. In this course students will consider how organizations and institutions can effectively integrate climate actions into their policies and practices. Using this information, students will create and present an Environmental Sustainability Plan to an organization as part of course work.
Total Credits:	3
Hours/Week:	3
Total Hours:	42
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course:	5250 - CLIMATE CHANGE MIT. VLO 2 Interpret and apply international, national and regional level environmental and climate policy to support mitigation and adaptation strategies. VLO 5 Assess potential environmental threats to human health and natural systems due to climate change and propose adaptive strategies to address them. VLO 6 Apply an integrated ecosystem management approach to climate change to balance mitigation, intervention and adaptation strategies. VLO 8 Facilitate stakeholder engagement and collaboration, across various levels and branches of government and the community to secure support for various initiatives.
Please refer to program web page for a complete listing of program outcomes where applicable.	5255 - ENV. SUSTAINABILITY VLO 7 Develop and implement a model to Build community engagement and capacity to achieve the desired organizational outcomes. VLO 8 Apply principles of project management and leadership to complete projects on time and within scope. VLO 9 Develop and implement an interdisciplinary perspective to evaluate goals, objectives, and strategies for approaching environmental problems. VLO 10 Apply principles and practices of community and industry development to increase resiliency, innovation and transformation toward greater sustainability.



Essential Employability Skills (EES) addressed in this course:

- EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.
- EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.
- EES 3 Execute mathematical operations accurately.
- EES 4 Apply a systematic approach to solve problems.
- EES 5 Use a variety of thinking skills to anticipate and solve problems.
- EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
- EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.
- EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.
- EES 10 Manage the use of time and other resources to complete projects.
- EES 11 Take responsibility for ones own actions, decisions, and consequences.

Course Evaluation:

Passing Grade: 50%, D

A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

Other Course Evaluation & Assessment Requirements:

Academic success is directly linked to attendance. Missing more than 1/3 of the course hours in a semester shall result in an 'F' grade for the course.

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Develop capacity as leaders to address critical global challenges.	1.1 Demonstrate an understanding of leadership basics. 1.2 Describe the five fundamentals of leadership. 1.3 Develop leadership skills such as problem-solving, better communication, decision-making and observation skills through participation in leadership activities. 1.4 Demonstrate an awareness of self and personality type. 1.5 Discuss self-confidence from a leadership perspective and participate in confidence building activities.
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Discuss and analyze the connection between leadership and sustainability.	2.1 Define sustainability leadership and describe its main principles. 2.2 Examine the Sustainability Leadership Model and discuss the importance of sustainability leader traits, styles, skills and knowledge. 2.3 Discuss how sustainability leadership can contribute to transformational change. 2.4 Review case studies that showcase sustainability leadership in practice from a variety of discipline perspectives.
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Demonstrate ability to tackle complex challenges with conflict and change	3.1 Understand the role of stakeholder engagement in environmental sustainability. 3.2 Identify characteristics that hinder collaboration, create



	management.	conflict and prevent change. 3.3 Describe the benefits of collective impact efforts. 3.4 Describe six themes of systems thinking and learn how to see connections and drive effective and equitable climate action.
	Course Outcome 4	Learning Objectives for Course Outcome 4
	4. Understand how climate actions can be integrated into policy and practice.	4.1 Discuss policy integration in the context of climate change adaptation. 4.2 Describe conditions that enable and restrain climate policy integration processes. 4.3 Analyze climate change mitigation and adaptation strategies at the municipal level. 4.4 Learn how to engage decision-makers on both climate mitigation and adaptation.
	Course Outcome 5	Learning Objectives for Course Outcome 5
	5. Create effective environmental sustainability plans.	5.1 Evaluate the key elements of a sustainability plan for an industry partner or social event. 5.2 Conduct a sustainability impact analysis describing key sustainability challenges and analysis of stakeholder relationships. 5.3 Become familiar with approaches that lead to improved sustainability. 5.4 Prepare and a deliver a presentation to an audience of peers/stakeholders.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignment (Sustainability values analysis - collaborating with differences)	10%
Case Study (Sustainability leadership in practice)	10%
Discussion (leaders you admire)	5%
Final Exam	20%
Group In-class Projects (weekly in-class leadership activities)	30%
Midterm Exam	10%
Presentation (Environmental Sustainability Plan)	15%

Date: January 2, 2025

Addendum: Please refer to the course outline addendum on the Learning Management System for further information.