



COURSE OUTLINE: CCM201 - EMERG. MGMT AND RISK

Prepared: L. Perry

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

Course Code: Title	CCM201: EMERGENCY MANAGEMENT AND RISK ASSESSMENT
Program Number: Name	5250: CLIMATE CHANGE MIT.
Department:	NATURAL RESOURCES PRG
Academic Year:	2024-2025
Course Description:	Students will gain the skills to assess potential risks and vulnerabilities on human and natural systems due to climate change and propose adaptive strategies to combat these threats. Students will use risk matrix tables to evaluate the severity and likelihood of occurrence.
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.
Please refer to program web page for a complete listing of program outcomes where applicable.	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 7 Assess and address the impacts of natural disturbances on various watershed processes in forests, hillside slopes, and crown land.
	VLO 8 Facilitate stakeholder engagement and collaboration, across various levels and branches of government and the community to secure support for various initiatives.
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 6 Locate, select, organize, and document information using appropriate technology and information systems.
	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 related to attendance. Missing more than 1/3 of the course hours in a semester shall result in a F grade for this course.

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Analyze and assess risks related to emergency situations and climate change impacts	1.1 Identify various types of hazards that impact communities 1.2 Explain the significance of risk assessments in emergency management 1.3 Apply risk matrix tables to evaluate risk severity and likelihood of occurrence 1.4 Differentiate between high, moderate and low risk events using case studies 1.5 Evaluate potential impacts of climate change on emergency management 1.6 Propose adaptive strategies to address risks identified in risk assessments
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Develop an effective emergency management plan based on identified risks	2.1 Define the components of an emergency management plan 2.2 Explain the importance of risk-based decision-making in emergency planning 2.3 Identify key participants and their roles in creating emergency plans 2.4 Assess how the plan aligns with legal frameworks, industry standards and best practices
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Examine engagement strategies to support emergency management initiatives	3.1 Identify key partners in emergency management, including government agencies, NGOs, and community leaders 3.2 Explain the importance of collaboration in the planning and implementation of emergency management strategies 3.3 Develop communication strategies to engage diverse participation 3.4 Assess case studies where diverse engagement improved emergency management outcomes 3.5 Propose methods to secure support for future emergency preparedness and climate adaptation initiatives
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Demonstrate ethical decision-making in emergency management	4.1 Discuss the ethical considerations in allocating resources during emergencies 4.2 Analyze the ethical implications of prioritizing populations



	and risk assessment	during a disaster 4.3 Identify issues of equity, fairness, and access in emergency management responses 4.4 Propose ethical solutions to dilemmas faced during emergency operations 4.5 Assess how cultural competence influences decision-making in risk assessment and response
	Course Outcome 5	Learning Objectives for Course Outcome 5
	5. Propose adaptive strategies to reduce the impact of climate change on emergency management efforts	5.1 Identify adaptive measures to mitigate the effects of climate change on emergency preparedness and response 5.2 Analyze the role of climate resilience in reducing the impact of disasters on vulnerable communities 5.3 Assess the effectiveness of current emergency management systems in adapting to climate change 5.4 Propose community-based adaptive strategies for risk reduction and resilience building 5.5 Integrate sustainable practices into emergency management planning 5.6 Evaluate the long-term benefits of adaptive strategies in enhancing community resilience

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Class Discussion/Group Activity	30%
Exam	15%
Group Project	15%
Quizzes	25%
Reflective Practice	15%

Date: January 2, 2025

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