



Course Descriptor

ENEN572 Environmental Impact Assessment

Proposed Academic Year	2021/2022	Last Reviewed Academic Year	2019/2020
Course Code	ENEN572	Course Title	Environmental Impact Assessment
Credit hours	3	Level of study	Forth
College / Centre	College of Engineering	Department	Environmental Engineering
Co-requisites		Pre-requisites	CVEN361

1. COURSE OUTLINE

The course evaluates the impact of water resources projects on environmental quality considering environmental legislation

2. AIMS

The course provides students with concepts and techniques that enable them to understand provides methods of assessment and management, data analysis; data interpretation techniques and report writing for water & environmental

3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS (Indicative)

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)
1. Understand the chemical reactions and kinetics which related to the environment	Lectures	Assignments and in-class tests
2. Understand the concepts of chemical kinetics	Lectures	Assignments and in-class tests
3. Ability to analyze continuous the environmental issues from chemistry approach	Lectures	Assignments and in-class tests

4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Assignments	20%
Mid-term Examinations (two)	40%
Final Examination	40%
TOTAL	100%

5. ACHIEVING A PASS

Students will achieve **3** credit hours for this course by passing **ALL** of the course assessments and achieving a **minimum overall score of 50%**.

NB *Ensure that ALL learning outcomes are taken into account



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6. COURSE CONTENT (Indicative)		
WEEK	LECTURE TOPIC	TIME (HOURS)
1,2	Introduction to Environmental Impact Assessment	6
3	Impact of water resources projects on environmental	3
4,5	Environmental legislation	6
6,7	Methods of assessment	6
8,9, 10	Methods of management	9
11,12	Data analysis	3
13	Data interpretation techniques	3
14	Report writing for water & environmental Projects.	6
15	Water quality assessment	3
	TOTAL HOURS	45
1 - 15	Plus RECOMMENDED INDEPENDENT STUDY HOURS	
	TOTAL COURSE HOURS	45

7. RECOMMENDED READING

Core text/s:

Introduction To Environmental Impact Assessment, John Glasson, Riki Therivel, 5th edition, 2019
, Hites and Raff
Handbook of Environmental Impact Assessment: Concepts and Practice, Arjun Kumar A. Rathi, 2021

8. PLAGIARISM POLICY

As per the University Policy the following actions (not limited to), without proper attribution (quoting and/or referencing), will attract stringent penalties:

1. To copy the work of another student;
2. To directly copy any part of another person's work;
3. To summarize another person's work;
4. To use or develop an idea or thesis derived from another person's work;
5. To use experimental results or data obtained or gathered by another person;
6. To demonstrate academic misconduct during an exam.

9. ATTENDANCE POLICY

1. Students should attend all classes.
2. The course instructor will warn any student if he/she is absent for more than 10% of the lectures.

Compulsory withdrawal will be recorded for a student if he/she is absent from lectures for more than 20% of the classes.

Library + online resources:



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<https://www.oercommons.org/courses/sustainable-energy-without-the-hot-air/view>

<https://www.oercommons.org/courses/the-environmental-politics-and-policy-of-western-public-lands/view>