Learner's Manual

ENVIRONMENT

ISSUE & GLOBAL PERSPECTIVE
(MMS 3003)

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1.0 Introduction

This course introduces the student with environmental science knowledge and develops the ability to understand global environmental issues. Students will be able to devise ethical and politically viable plans and strategies to address these issues while balancing the impacts on the society and economy.

The main course objective is to teach the concepts of environmental problem at the global view. Students will learn how to propose appropriate methods or strategies to solve the environmental problem such as pollution and conserve our resources.

By end of the course, we hope the students will achieve these outcomes;
- Explain clearly the basics of environmental science and the function of the earth in the context of human interaction with the earth.
- Describe the role of humans in solving the environmental issues.
- Examine the current pollution issues and suggest appropriate plans to minimize the pollution.
- Identify and suggest holistic and framework solutions related to global environmental problems.
- Suggest relevant mitigation steps toward sustainable development based on environmental perspectives and ethics.

2.0 Course Structure

2.1 Course Planning

Chapter	
	Introduction to subject, Syllabus, MyCA
Chapter 1	Global Issue and Sustainability
Chapter 2	Environmental Pollution Issues
Chapter 3	'Act locally Think Globally'
Chapter 4	Climate Change and Global Warming
Chapter 5	Care Our home
Chapter 6	Ocean Resources and Values
Chapter 7	Renewable and Non-Renewable Energy
Chapter 8	Current Issue Discussion

2.0 Course Structure

2.2 Mode of Delivery

Link will be given in e-Learning Platform

2.0 Course Structure

2.3 Teaching Strategy

**Lecture video will be uploaded in
YouTube
Facebook
e-Learn platform**

2.0 Course Structure

2.4 Learning Material

Lecture information will be uploaded in e-Learning Platform

2.0 Course Structure

2.5 Learning Notes

ALAM SEKITAR - ISU DAN PERSPEKTIF GLOBAL

Dashboard / My courses / MMS3003

LECTURE - CHAPTER 1

This lecture discusses the concept of environmental science and sustainability, how our ecological footprint affected the environment and the types of pollution that commonly occurs around us. The students also are given an opportunity to suggest how we can care for our environment.

- CHAPTER 1 - GLOBAL ISSUE AND SUSTAINABILITY - Notes
- CHAPTER 1 - GLOBAL ISSUE AND SUSTAINABILITY - Video
- CHAPTER 1 - GLOBAL ISSUE AND SUSTAINABILITY - YouTube
- CHAPTER 1 - GLOBAL ISSUE AND SUSTAINABILITY - Facebook
- TEST YOUR KNOWLEDGE

LECTURE - CHAPTER 2

This lecture discusses what are the major pollutions that occur in our environment, the sources of these pollutions and their impact on our environment. Students are given an opportunity to suggest how to solve these pollution problems.

- CHAPTER 2 - ENVIRONMENTAL POLLUTION ISSUES
- CHAPTER 2 - ENVIRONMENTAL POLLUTION ISSUES - Video
- CHAPTER 2 - ENVIRONMENTAL POLLUTION ISSUES - YouTube
- CHAPTER 2 - ENVIRONMENTAL POLLUTION ISSUES - Facebook
- TEST YOUR KNOWLEDGE

Lecture Notes will be uploaded in e-Learning Platform

2.0 Course Structure

2.6 Video Related to the Environment

- Environmental Science
- Sustainability
- Major Current Environmental Problems
- One Earth
- Top 10 worst environmental issues
- Tsunami in Japan
- El Nino and La Nina
- Understanding ENSO
- Ozone depletion
- Causes and Effects of Climate Change
- What is climate change?

2.0 Course Structure

2.7 Global News Related to the Environment

- Suez Canal blocked by traffic jam after massive container ship runs aground
- 21 Reasons Why Forests Are Important
- Antarctica's ice shelves are trembling as global temperatures rise – what happens next is up to us
- Marine species increasingly can't live at equator due to global heating
- Climate change shrinks marine life richness near equator -study
- Carbon recyclers: how ocean ecosystems help fight climate change
- Five sustainability lessons we can learn from our grandparents
- Top 10 environmental news stories of 2020

2.0 Course Structure

2.8 Presentation

PRESENTATION (Group)

✓ 1 group = 5 students (SB 5,5,5,5,5,6; SK 5,5,5,5,5,5)
✓ Covid-19
✓ Each student = < 1 minutes introduction
✓ Hold message
✓ #tag.. 3 per group
✓ Video presentation

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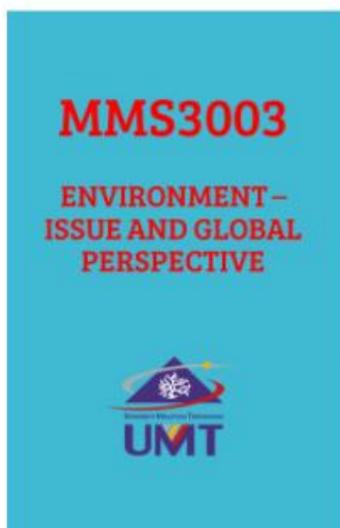**ENVIRONMENT –
ISSUE AND GLOBAL
PERSPECTIVE**

UMT

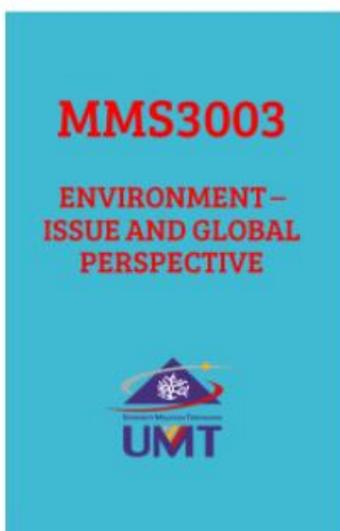# Presentation detail information will be uploaded in e-Learning Platform

2.0 Course Structure

2.9 Assignments

ASSIGNMENT 1 (Individual)

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- ✓ 5 Pollution Issue
- ✓ Not more than 7 pages including frontpage and list of references
- ✓ Infographic writing

ASSIGNMENT 2 (Group)

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ENVIRONMENT – ISSUE AND GLOBAL PERSPECTIVE

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- ✓ 5 environmental issue (different element)
- ✓ In infographic poster form (portrait A4 size) – each element 1 poster
- ✓ Submit as 1 file

Assignment detail information will be uploaded in e-Learning Platform

2.0 Course Structure

2.10 Presentation - Rubric

Criteria	Excellent	Good	Moderate	Poor
	4	3	2	1
1. Submission	Submission on time	Late submission (1 day)	Late submission (2 day)	Late submission (>2 day)
2. Poster /Video Mechanics	The poster is exceptionally attractive in terms of design, layout, and neatness. Graphics are easily viewed and are related to the topic, making the material easier to understand. There are no grammatical mistakes on the poster.	The poster is acceptably attractive. Most graphics are easily viewed and relate to the topic. There is one grammatical mistake on the poster.	The poster is a bit messy. Many graphics are not clear or are too small. There are two grammatical mistakes.	The poster is distractingly messy or very poorly designed. It is not attractive. Graphics do not relate to the topic. There are more than two grammatical mistakes on the poster.
3. Technical Details	High level of relevant detail is presented to allow the audience to make judgments about the content. The details are not so elaborate that the presentation becomes tedious.	Sufficient technical detail is included to enable the audience to understand the nature of progress.	In places, the information was too detailed or was lacking.	Significant amounts of technical detail are lacking or inadequate so that the audience cannot appreciate the progress that has been made.
4. Design Verification (experimental data)	Presentation includes thorough description of empirical results and explains the importance of the results.	Presentation includes sufficient results to draw conclusions.	Presentation does not include enough results to draw conclusions.	Conclusions are vague or unrelated.

2.0 Course Structure

2.11 Assignments - Rubric

Criteria	Excellent 3	Good 2	Moderate 1	Poor 0
1. Submission	Submission on time	Late submission (1 day)	Late submission (2 day)	Late submission (>2 day)
2. Front-page	Front-page provided correctly	Front-page provided with some error	Front-page provided with a lot of error	No front-page provided
3. Organization flow and formatting	Excellent organization enhances readability and/or understandability of report, enjoyable to read.	Content appropriate to all section of report.	Some content placed incorrectly in report.	Inappropriate content of several sections of report.
4. Introduction (x2)	Well written, clear, well organized.	Clear and organized.	Some flow though still some points need rearrangement.	Poorly written, confused with no clear directions.
5. Content (x2)	Very clear and complete as to enhance impact of report. Very well discussed.	Clearly stated results. Well discussed.	Unclear or incomplete. Poorly discussed.	Missing or inaccurate results. Very poorly discussed.
6. References & citations	More than 5 citations. No errors detected. All citations are in the reference list. More than 5 references, well formatted with no mistakes detected. All from credible sources.	About 4-5 citations. Some citation errors or missing from reference list About 4-5 references, well formatted but with a few mistakes. Few from non-credible sources.	Few citations (<3). Citation errors common. Many not listed in reference Some references given (<3). Formatting mistakes. More than half from non-credible sources.	No citations given or citations not in the reference. Very few and short reference list with numerous mistakes and incomplete. Mostly from non-credible sources.

3.0 Others

3.1 Test / Final Exam Regulation

UMT is committed to honesty and academic integrity. There are serious consequences for plagiarism, collusion and cheating.

- You CANNOT COPY text or material from other sources (INTERNET/LECTURE NOTE) and present this as your own work.
- Your exam answers should be ENTIRELY YOUR OWN WORK without unacknowledged input from others.
- PLAGARISM DETECTION SOFTWARE (Turnitin) will be used to test the similarity from online sources.
- You must NOT CO-OPERATE with any other person when completing the exam, which must be entirely your own work.

3.0 Others

3.2 Questionnaire for Students

Questionnaire for MMS 3003 Students

Please submit feedback regarding the course you have just completed, including feedback on course structure, content, and instructor.

* Required

https://forms.gle/JGkHre8cxwTrcYyW9