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E-Learning presentation

ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY

**Marine Coastal and Delta Sustainability for Southeast
Asia (MARE)**

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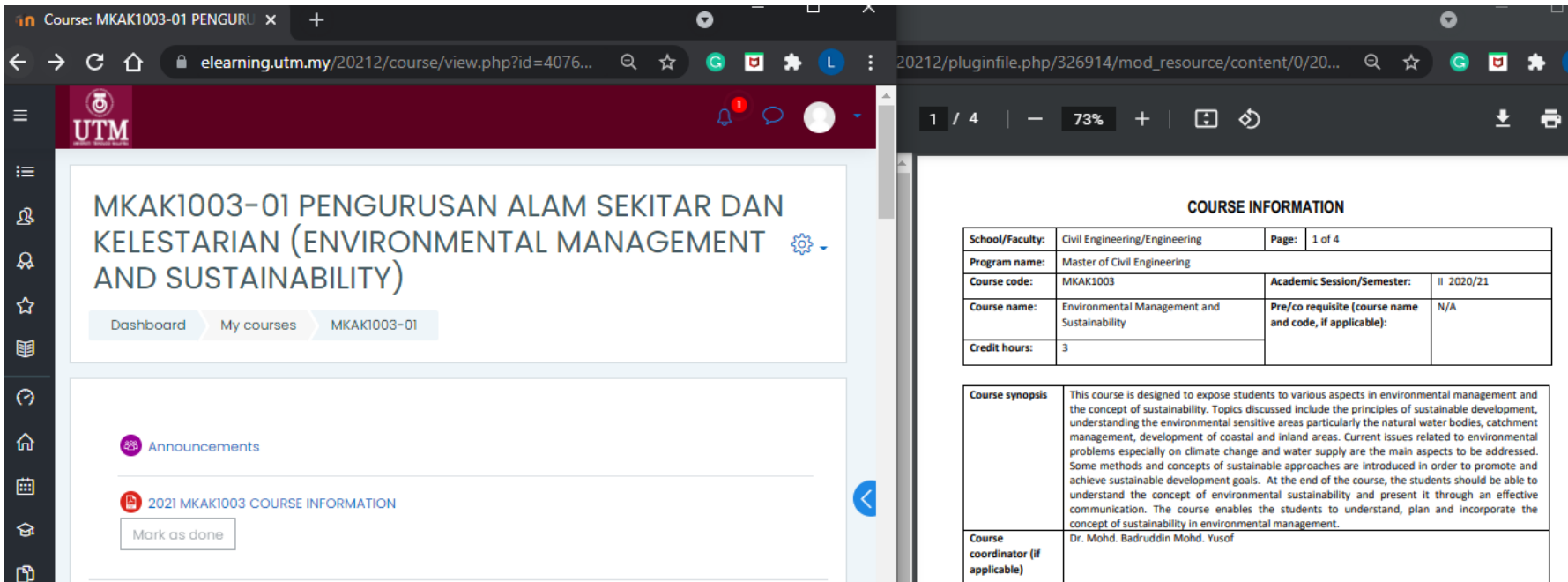
OVERVIEW

- Contain “Environmental Sustainability Management” course material for Master of Engineering (Environmental Management)
- Site URL:
<https://elearning.utm.my/20212/course/view.php?id=4076#section-4>
- Medium: English

- Modules:
 - Announcements
 - Overview
 - Lesson Plan
 - Course Materials
 - Lecture Notes
 - Additional Resources
 - Assignment

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OVERVIEW (Disclaimer)



The screenshot displays the UTM eLearning portal interface. The main heading is "MKAK1003-01 PENGURUSAN ALAM SEKITAR DAN KELESTARIAN (ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY)". Below this, there are navigation tabs: "Dashboard", "My courses", and "MKAK1003-01". A sidebar on the left contains various icons for navigation. The right panel shows a detailed view of the course information, including a table with course details and a synopsis.

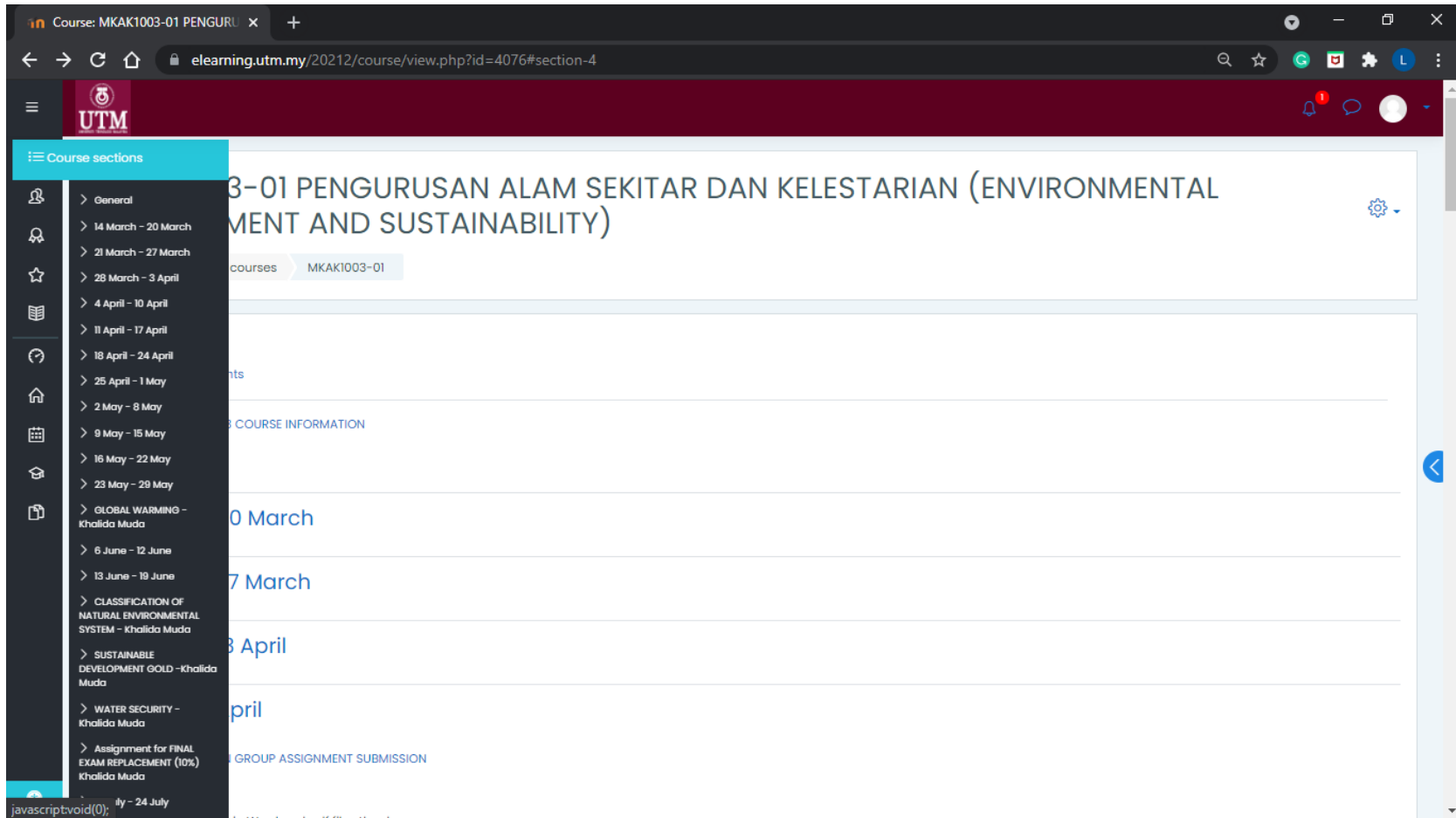
School/Faculty:	Civil Engineering/Engineering	Page:	1 of 4
Program name:	Master of Civil Engineering		
Course code:	MKAK1003	Academic Session/Semester:	II 2020/21
Course name:	Environmental Management and Sustainability	Pre/co requisite (course name and code, if applicable):	N/A
Credit hours:	3		

Course synopsis
This course is designed to expose students to various aspects in environmental management and the concept of sustainability. Topics discussed include the principles of sustainable development, understanding the environmental sensitive areas particularly the natural water bodies, catchment management, development of coastal and inland areas. Current issues related to environmental problems especially on climate change and water supply are the main aspects to be addressed. Some methods and concepts of sustainable approaches are introduced in order to promote and achieve sustainable development goals. At the end of the course, the students should be able to understand the concept of environmental sustainability and present it through an effective communication. The course enables the students to understand, plan and incorporate the concept of sustainability in environmental management.

Course coordinator (if applicable)
Dr. Mohd. Badruddin Mohd. Yusof












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LESSON PLAN




The screenshot displays the UTM elearning interface. The browser address bar shows the URL: elearning.utm.my/20212/course/view.php?id=4076#section-4. The course title is "MKAK1003-01 PENGURUSAN ALAM SEKITAR DAN KELESTARIAN (ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY)". A sidebar on the left lists the course sections, including "General", "14 March - 20 March", "21 March - 27 March", "28 March - 3 April", "4 April - 10 April", "11 April - 17 April", "18 April - 24 April", "25 April - 1 May", "2 May - 8 May", "9 May - 15 May", "16 May - 22 May", "23 May - 29 May", "GLOBAL WARMING - Khalida Muda", "6 June - 12 June", "13 June - 19 June", "CLASSIFICATION OF NATURAL ENVIRONMENTAL SYSTEM - Khalida Muda", "SUSTAINABLE DEVELOPMENT GOLD - Khalida Muda", "WATER SECURITY - Khalida Muda", and "Assignment for FINAL EXAM REPLACEMENT (10%) Khalida Muda". The main content area shows the course information and a list of dates: "10 March", "17 March", "18 April", and "19 April".

COURSE MATERIALS


UTM
UNIVERSITI TEKNOLOGI MALAYSIA

4 April – 10 April


 DR BADRUDDIN GROUP ASSIGNMENT SUBMISSION

Mark as done


Please upload in Word and pdf files thank you.

11 April – 17 April


18 April – 24 April

 Water Footprint

Mark as done


 (Video) Water Footprint


Mark as done

 Assignment Water Footprint


Mark as done

25 April – 1 May

 LCA Note



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Mark as done

 LCA Assignment

Mark as done


Due date: 11 May 2021

 (Video) Online Class (27 April 2021)


Mark as done

Password: Jip47CN3


2 May – 8 May

 Carbon Footprint

Mark as done


 (Video) Carbon Footprint

Mark as done

 Carbon Footprint Forum

Mark as done

9 May – 15 May

 Mid Sem Break

COURSE MATERIALS

23 May – 29 May

 INTEGRATED RIVER MANAGEMENT

Mark as done

 (Video) – INTEGRATED RIVER MANAGEMENT PART 1

Mark as done

 (Video) – INTEGRATED RIVER MANAGEMENT PART 2

Mark as done

 Individual Assignment (Final Exam Substitution) – Norelyza (13%)

Mark as done

GLOBAL WARMING – Khalida Muda

 Task I : Individual Assignment

Mark as done

 NOTES

6 June – 12 June

13 June – 19 June

 ASSIGNMENT 2 (DR MOHD BADRUDDIN)

FINAL ASSIGNMENT (INDIVIDUAL) (15%)

Lecturer: Dr Mohd Badruddin Mohd Yusof

Lakes are an essential component of national water resources. An integrated basin management approach is a water bodies.

Please choose a lake (in Malaysia or your country of origin) as a case study to analyze:

1-Underlying lake issues and environmental problems

2-Factors affecting (and sources of) the pollution

Please suggest several mitigation measures to achieve the lake's sustainability..

Your report should include the location map of the lake as well as related figures and photographs.

(with a minimum of 6 pages (single spacing) including tables/ figures and references)

CLASSIFICATION OF NATURAL ENVIRONMENTAL SYSTEM – Khalida Muda

 NOTES


 Task II – Assignment on Floodplain System




SUSTAINABLE DEVELOPMENT GOLD –Khalida Muda

 Notes


 TASK III – Activities/Program/Approaches with its relevant SDGs


LECTURE NOTES


UTM







CLASSIFICATION OF NATURAL ENVIRONMENTAL SYSTEM – Khalida Muda

 NOTES


 Task II – Assignment on Floodplain System

SUSTAINABLE DEVELOPMENT GOLD –Khalida Muda


 Notes


 TASK III – Activities/Program/Approaches with its relevant SDGs


WATER SECURITY – Khalida Muda

 Notes











Assignment for FINAL EXAM REPLACEMENT (10%) Khalida Muda

 Submission

 Assignment for FINAL EXAM REPLACEMENT



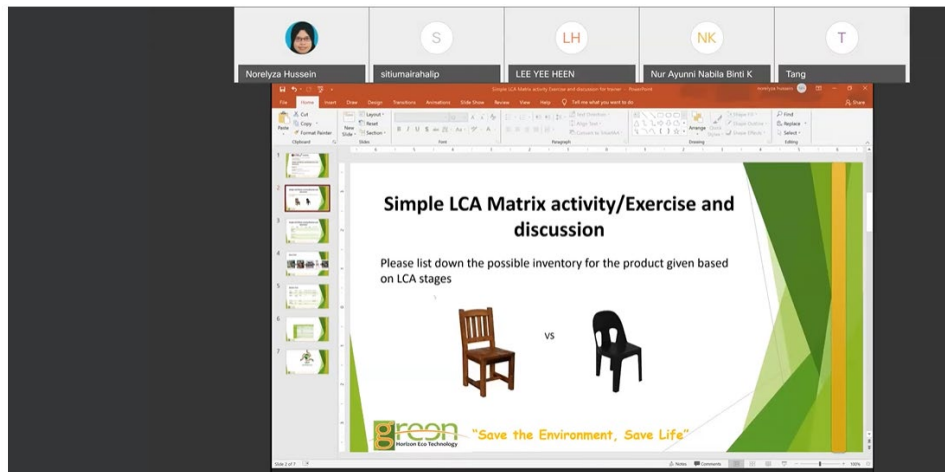
Shared with me > 2021 LECTURE MODULES MKAK 1003

Name	Last modified
 1_DRMBY MKAK1003-ENVIRONMENTAL MANAGEMENT AN...	Mar 15, 2021
 2_Environmental Issues and Water Security.pptx	Mar 15, 2021
 2_Global Warming	Mar 15, 2021
 3_Classification of natural environmental system Soil, steep ...	Mar 29, 2021
 3_Classification of natural environmental system Soil, steep ...	Mar 29, 2021
 3_DRBAD_Soil_Development within Inland area_Construction ...	Mar 23, 2021
 3_DRBAD_Soil_Development within Inland area_Construction ...	Nov 3, 2020
 4_Rivers Floodplains Riverine.pptx	Mar 15, 2021
 05_DRMBY_MKAK1003_Classification of Natural System_Wat...	Mar 15, 2021
 5_SWAMP WETLANDS SHORELINE.pptx	Mar 15, 2021

ADDITIONAL RESOURCES

utm.webex.com/recordingservice/sites/utm/recording/66e98c9b89331039b279005056b9e154/playback

Dr. Norelyza Hussein's Personal Room-20210427 03... [Download](#)

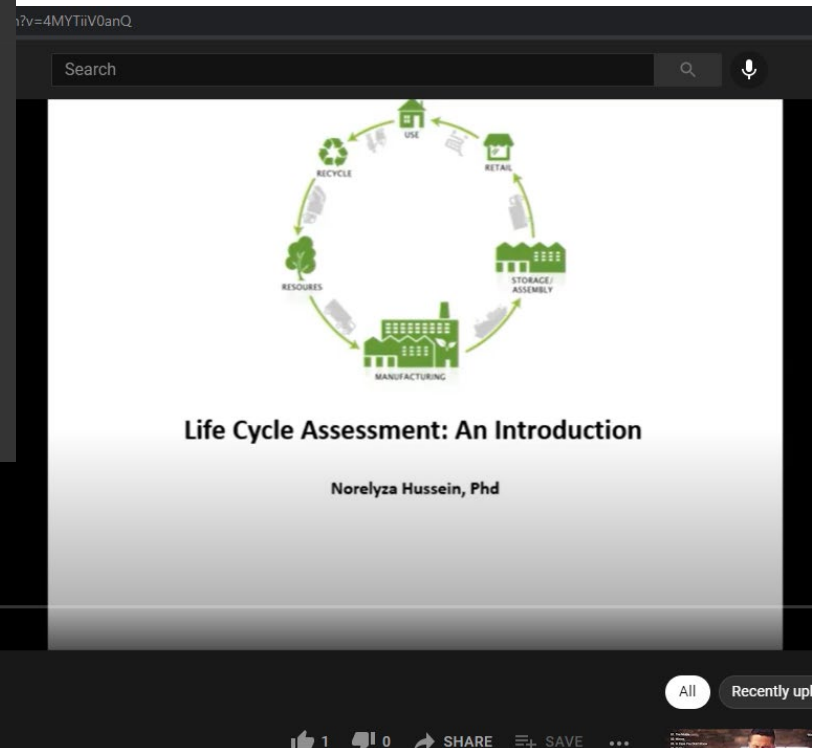


Simple LCA Matrix activity/Exercise and discussion

Please list down the possible inventory for the product given based on LCA stages

wooden chair vs black plastic chair

green "Save the Environment, Save Life"



Life Cycle Assessment: An Introduction


Norelyza Hussein, PhD


Life Cycle Assessment: An Introduction

Resources, Manufacturing, Storage/Assembly, Retail, Use, Recycle

LCA Part 1
Unlisted
54 views • Apr 25, 2021


ASSIGNMENT


[elearning.utm.my/20212/course/view.php?id=4076](#)



28 March - 3 April

4 April - 10 April



DR BADRUDDIN GROUP ASSIGNMENT SUBMISSION

Mark as done


Please upload in Word and pdf files thank you.

11 April - 17 April


18 April - 24 April


Water Footprint


Mark as done


(Video) Water Footprint


Mark as done


Assignment Water Footprint


Mark as done



GLOBAL WARMING - Khalida Muda



Task 1 : Individual Assignment

Mark as done


NOTES

6 June - 12 June

13 June - 19 June


ASSIGNMENT 2 (DR MOHD BADRUDDIN)

FINAL ASSIGNMENT (INDIVIDUAL) (15%)
Lecturer: Dr Mohd Badruddin Mohd Yusof

Lakes are an essential component of national water resources. An integrated basin management approach is a way forward to deal with the severity of the eutrophication issue faced by most inland water bodies.

Please choose a lake (in Malaysia or your country of origin) as a case study to analyze:

- 1-Underlying lake issues and environmental problems
- 2-Factors affecting (and sources of) the pollution

Please suggest several mitigation measures to achieve the lake's sustainability.

Your report should include the location map of the lake as well as related figures and photographs.
 (with a minimum of 6 pages (single spacing) including tables/ figures and references)



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Thank You

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