



UniKL
UNIVERSITI
KUALA LUMPUR

**Marine Coastal and Delta Sustainability for Southeast Asia
(610327-EPP-1-2019-1-DE-EPPKA2-CBHE-JP)**



COURSE PRESENTATION

MARINE AND COASTAL ENVIRONMENT

*The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein



Co-funded by the
Erasmus+ Programme
of the European Union

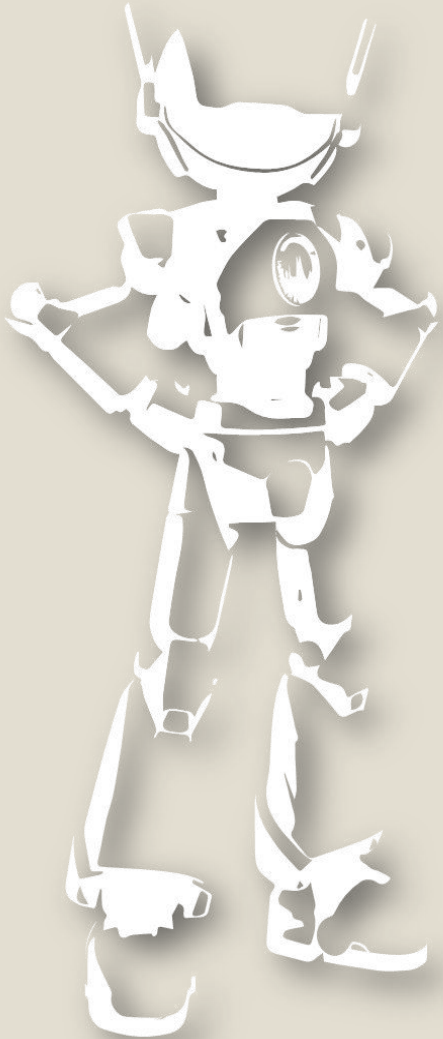


UniKL
UNIVERSITI
KUALA LUMPUR



OVERVIEW

- This is for course “ Marine and Coastal Environment: Master “
- Site URL: <https://vle.unikl.edu.my/login/index.php>
- Language: English
- Modules:
 - Announcement
 - Course summary
 - Course Learning Plan
 - Lesson
 - Assignment
 - Tests & Quizzes
 - Final Assessment/ Examination



Co-funded by the
Erasmus+ Programme
of the European Union



UniKL

UNIVERSITI
KUALA LUMPUR

MAIN PAGE



Search Courses Online Guide (Lecturer) Online Guide (Student)



- Course sections
- Participants
- Badges
- Competencies
- Grades
- Dashboard
- Site home
- Calendar
- My courses
- Private files
- Content bank
- Site administration

LOM10103 – MARINE AND COASTAL ENVIRONMENT



Dashboard Courses MIMET POSTGRADUATE LOM10103 - myuzri_MIMET

Turn editing on

Announcements

CLP_LOM10103



This module related to marine and coastal environment involving the natural forces at sea and the features of the marine and coastal environments.

10 February – 16 February

Salam & Greetings to ALL.

Welcome to my course "Marine & Coastal Environment – LOM10103.

Course summary

CLO1: Explain the evolution of the ocean and ocean basin.

CLO2: Describe the features of the coastal and marine provinces.

CLO3: Examine the air-sea interaction and its effects on offshore activities.


CLO4: Analyse the various elements in ocean circulation and waves including their effect on maritime operations.

CLO5: Analyse the influence of tides and tidal stream on shipping and port activities and the coastal environment.



Co-funded by the
Erasmus+ Programme
of the European Union



	UNIVERSITI KUALA LUMPUR Malaysian Institute of Marine Engineering Technology (MIMET) COURSE LEARNING PLAN	Doc. No:	UniKL MIMET/ACAD/ DTL/F-03
		Revision No:	02
		Effective Date:	26/09/2016
		Page No:	1 of 7

SECTION A: COURSE DETAILS

1	Course Name	Marine and Coastal Environment					
2	Course Code	LOM 10103					
3	Academic Staff Name(s)	Assoc. Prof. Dr. Mohd Yuzri Mohd Yusop					
4	Rationale for inclusion of Course in the Programme	This course is offered as a core subject to the MMO programme to expose students to the maritime environment. The knowledge imparted to students concerning the natural forces at sea such as current, wave, tide, wind and the geological aspects of marine and coastal environment will give them the understanding required in order to be involved in maritime operations and the management of maritime activities. Amongst others, the knowledge garnered will enable them to plan port activities, port expansion and scheduling ships passages.					
5	Semester & Year Offered	Semester: 1 Year: 1					
6	Student Learning Time (SLT)	Face to Face (F2F)				Independent learning	TOTAL
		Lecture	Tutorial	Practical	Other	TOTAL	





SECTION B: LEARNING SCHEDULE

When		Topic	Delivery Method	Planned Assessments	Actual Assessments
WEEK 1 - 3	10 February – 28 February	1. MARINE AND COASTAL ENVIRONMENTS 1.1 The oceans 1.2 Similarities and differences between marine and terrestrial environments. 1.3 Characteristics of the marine environment 1.4 Marine biology	<ul style="list-style-type: none">• Course Briefing• Lecture• Tutorial• Independent study		
		2. THE OCEAN AND THE ATMOSPHERE 2.1 Global Climates 2.2 The air-sea interface 2.3 Coriolis Effect 2.4 Global atmospheric circulation 2.5 Physical structure of the world ocean			
		3. COASTAL ENVIRONMENT 3.1 Coastal oceans	<ul style="list-style-type: none">• Lecture		





Course sections <

Participants

Badges

Competencies

Grades

Dashboard

Site home

Calendar

My courses <

Private files

Content bank

Site administration

10 February - 16 February

Edit

Salam & Greetings to ALL.

Welcome to my course "Marine & Coastal Environment - LOM10103.

I will keep all of you updated from time to time so please check this space on a regular basis.

Lecture Slides Chapter 1

Edit



Presentation slides for **Chapter 1: Marine and Coastal Environments** for our coming class for your reference.

Add an activity or resource

17 February - 23 February

Edit

Assignment 1 Answer Template

Edit



Hidden from students

Dear everyone. Please use this template to submit your answers for our class revision session 16/02/2020.

You can either submit the completed template through our VLE or email me at myuzri@unikl.edu.my

Thank you.





UniKL
UNIVERSITI
KUALA LUMPUR

LESSON



Marine & Coastal Environment

LOM 10103

BY

ASSOC. PROF. TS. DR.
MOHD YUZRI MOHD YUSOP



Co-funded by the
Erasmus+ Programme
of the European Union



Add an activity or resource

Course sections

Participants

Badges

Competencies

Grades

Dashboard

Site home

Calendar

My courses

Private files

Content bank

Site administration

6 April - 12 April

Edit

Our session this 12042020 will begin at 0900hrs.

Lecture Slides Chapter 5

Edit



Presentation slides for **Chapter 5: Ocean Chemistry** for our coming class for your reference.

Hydrothermal Vents

Edit



The link to the video during our online session 12042020.

Lecture Slides Chapter 6

Edit



Presentation slides for **Chapter 6: Ocean Physics** for our coming class for your reference.

Solar Radiation - The Four Seasons

Edit



The link to the phenomenon of the 4 seasons on Earth. Note the error between the North and South poles in the video during the Winter Solstice.

Plimsoll Mark and International Load Line

Edit



The video on Plimsoll Mark International Load Line as shown during our online session on 12042020.





UniKL

UNIVERSITI
KUALA LUMPUR

LESSON



Ocean Chemistry

WATER PROPERTIES

ELEMENTS OF
SEAWATER

SOURCES AND SINKS

CO₂ AND THE OCEAN



Co-funded by the
Erasmus+ Programme
of the European Union



Deep Sea Hydrothermal Vents

Explore how the 1977 discovery of hydrothermal vent ecosystems in the deep ocean shocked scientists and redefined our understanding of the requirements for life.



GRADES

6 - 12+

SUBJECTS

Biology, Chemistry, Earth Science, Geology, Oceanography

CONTENTS

1 Video

VIDEO

Alien Deep: Hydrothermal Vents

Bob Ballard explains the historical discovery and significance of hydrothermal vents in the ocean.

VIDEO BY NATIONAL
GEOGRAPHIC EDUCATION





thank you.

Course sections <

Participants

Badges

Competencies

Grades

Dashboard

Site home

Calendar

My courses <

Private files

Content bank

Site administration

+ Halocline in Straits of Gibraltar (between Atlantic and Mediterranean Seas)

Edit

+ Halocline near Surabaya and Madura, Indonesia

Edit

+ Add an activity or resource

+ 20 April - 26 April

Edit

+ Lecture Slides Chapter 7

Edit

Presentation slides for **Chapter 7: Ocean Circulation & Waves** for our coming class for your reference.

Updated: 31/05/2020

+ Add an activity or resource

+ 27 April - 3 May

Edit

+ Lecture Slides Chapter 8

Edit

Presentation slides for **Chapter 8: Tides** for our coming class for your reference.

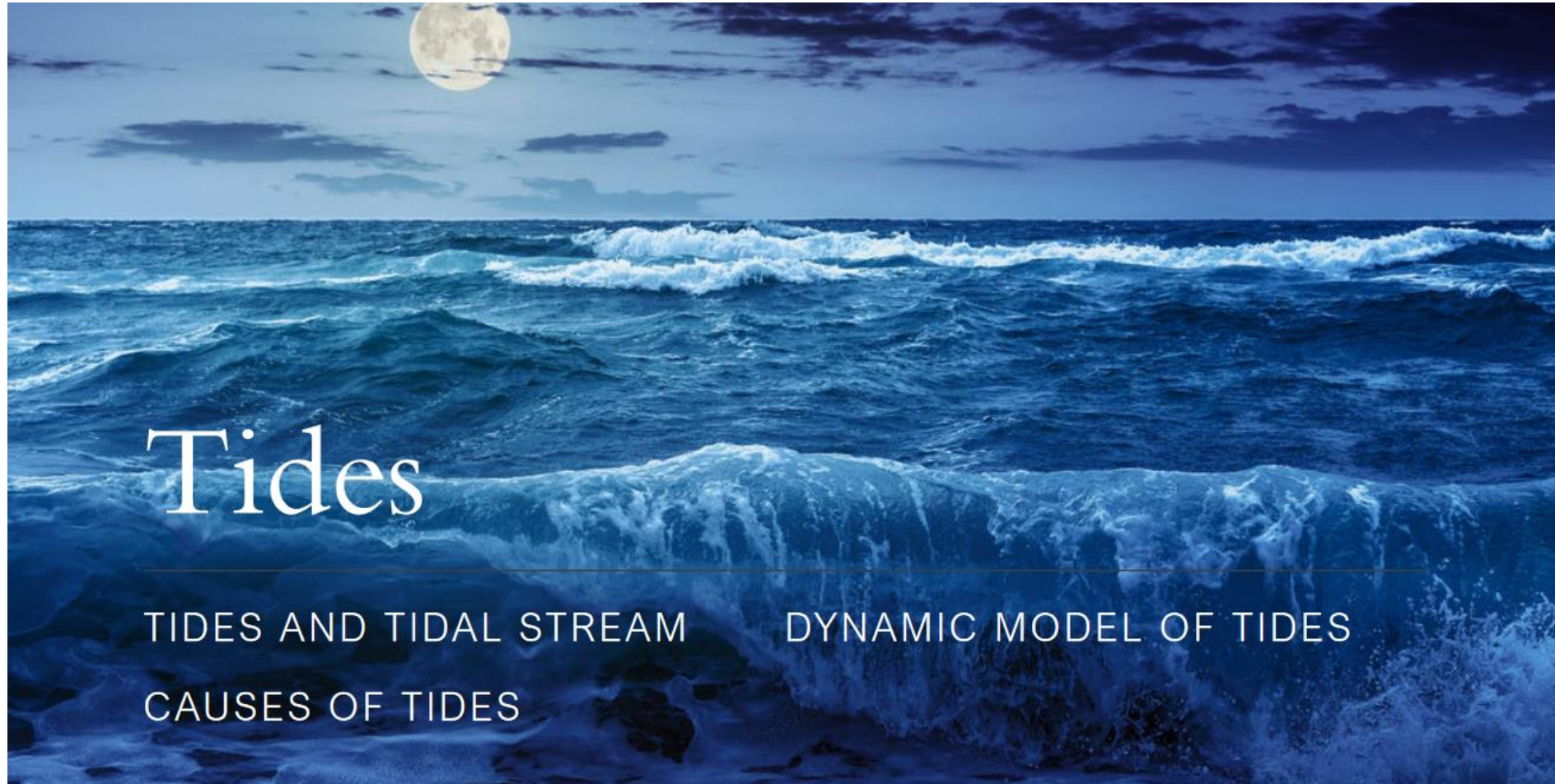
Please know your moon phases i.e., new moon, first quarter, full moon, and third quarter.





UniKL
UNIVERSITI
KUALA LUMPUR

LESSON (Expanded): Chapter 8



Tides

TIDES AND TIDAL STREAM

DYNAMIC MODEL OF TIDES

CAUSES OF TIDES



Co-funded by the
Erasmus+ Programme
of the European Union



- Course sections
- Participants
- Badges
- Competencies
- Grades
- Dashboard
- Site home
- Calendar
- My courses
- Private files
- Content bank
- Site administration
- Add a block

Assignment 2 Answer Template Edit

Hidden from students

Dear everyone. Please use this template to submit your assignment answers.
Please submit the completed assignment through our VLE.
Thank you.

[+ Add an activity or resource](#)

23 March - 29 March Edit

Group Assignment Edit

Hidden from students

As part of your groupwork assessment (15%), in groups of 3 or 4, you are required to prepare a **30 minute PowerPoint presentation** on **EUTROPHICATION** phenomenon at **any location** of your choice. The presentation slides must include the following sections:

- 1. INTRODUCTION**
2. Presentation Outline
3. Content (main **BODY** of the presentation)
- 4. CONCLUSION**

You are required to submit your completed presentation slides through **VLE and presentation is planned to be conducted by each group**

Presentation Content Rubric Edit





LOM 10103 – MARINE AND COASTAL ENVIRONMENT
ASSIGNMENT 2

Name:

Class Session: 15th March | (0900hrs – 1500hrs)

1. In your own words, define the following terms.

- a. Pelagic.
- b. Benthic.

(4 marks)

2. Briefly explain the mechanisms of a Ferrel Cell in the Global Atmospheric Circulation three-cell model.

(4 marks)

3. What is Intertropical Convergence Zone (ITCZ)?

(2 marks)





SAMPLE OF PRESENTATION RUBRIC



No.	Criteria	(1) Unsatisfactory	(2) Fair	(3) Good	(4) Excellent	Max. Score	Act. Score
1.	Title Slide	None or very minimal information. Disorganized and unattractive. Lacks creativity.	Includes all basic information. Organized although lacking in formality. Bland but acceptable.	Includes all required information including those that are relevant. Organized and formal.	Includes all required information including those that are relevant. Excellent use of space, organized and corporate-like.	5	
2.	Presentation Outline	None or very minimal information. Outline mismatches with presentation contents.	Outline misses one or more of the major contents of the presentation body.	Outline covers all the major contents of the presentation body though contains several minor errors i.e. typos, grammatical issues etc.	Outline covers all the major contents of the presentation body and are well written.	10	
3.	Objective	No or very minimal information about objectives of the presentation.	Only included some of the major objectives.	Most of the major objectives of the investigation/study are included.	Most of the major objectives of the investigation/study are included and are well written.	20	
4.	Body of Presentation	Very incomplete or incorrect interpretation of theories and data indicating a lack of understanding of findings.	Some of the results have been correctly interpreted and discussed; partial but incomplete understanding of results is still evident.	Almost all the results have been correctly interpreted and discussed, only minor improvements are needed.	All important trends and data comparisons have been interpreted correctly and discussed; good understanding of results is conveyed.	40	
5.	Conclusion	Conclusion is missing or missing the important points.	Conclusion regarding major points are drawn, but many are misstated, indicating a lack of understanding.	All important conclusions have been drawn, could be phrased better.	All important conclusions have been clearly made; student shows good understanding.	20	
6.	References	Missing references or only state one (1) source of reference.	Three (3) or less references and most are from the same source.	More than three (3) references and majority are from the same source.	More than three (3) references and are obtained from various sources.	5	
TOTAL:							/100
COMMENTS:							
EVALUATOR:		SIGNATURE:			DATE:		





UniKL

UNIVERSITI
KUALA LUMPUR

TEST



Search Courses Online Guide (Lecturer) ▾ Online Guide (Student) ▾



ETCP JAN 2020 SEMESTER


Hidden from students

-  Assignment 1 Submission Link
-  Assignment 2 Submission Link
-  Group Assignment Submission Link

As part of your groupwork assessment (15%), in groups of 3 or 4, you are required to prepare a **30 minute PowerPoint presentation** on **EUTROPHICATION** phenomenon at **any location** of your choice. The presentation slides must include the following sections:

- 1. INTRODUCTION**
- Presentation Outline
- Content (main **BODY** of the presentation)
- 4. CONCLUSION**

You are required to submit your completed presentation slides through **VLE** and **presentation is planned to be conducted by each group on 19th April 2020.**

-  Online Test
 - The test will not be available until Saturday, 9 May 2020, 10:00 AM
 - This test will close at Monday, 11 May 2020, 10:00 AM
 - Time limit: 1 hour
 - Attempts allowed: 1
 - This test will contribute 30% to your continuous assessment.



Co-funded by the
Erasmus+ Programme
of the European Union



UniKL

UNIVERSITI
KUALA LUMPUR

FINAL ASSESSMENT



UniKL
UNIVERSITI
KUALA LUMPUR

Search Courses Online Guide (Lecturer) Online Guide (Student)

Final Assessment

Attempts allowed: 1

The Final Assessment will not be available until Friday, 5 June 2020, 9:00 AM

This Final Assessment will close at Sunday, 14 June 2020, 11:59 PM

Time limit: 90 minutes



Co-funded by the
Erasmus+ Programme
of the European Union



UniKL

UNIVERSITI
KUALA LUMPUR

STATISTIC ACTIVITY REPORT



UniKL
UNIVERSITI
KUALA LUMPUR

Search Courses Online Guide (Lecturer) Online Guide (Student)



Announcements	5 views by 5 users -	Monday, 10 May 2021, 10:50 AM (33 mins 39 secs)
CLP_LOMI0103	34 views by 8 users -	Monday, 10 May 2021, 11:07 AM (15 mins 44 secs)
10 February - 16 February		
Lecture Slides Chapter 1	53 views by 12 users -	Monday, 10 May 2021, 10:56 AM (27 mins 6 secs)
17 February - 23 February		
Assignment 1 Answer Template	21 views by 10 users -	Sunday, 15 March 2020, 9:25 AM (1 year 56 days)
24 February - 1 March		
Lecture Slides Chapter 2	26 views by 10 users -	Thursday, 18 June 2020, 1:39 PM (325 days 21 hours)
2 March - 8 March		
Lecture Slides Chapter 3	30 views by 10 users -	Thursday, 18 June 2020, 1:40 PM (325 days 21 hours)



Co-funded by the
Erasmus+ Programme
of the European Union



UniKL

UNIVERSITI
KUALA LUMPUR

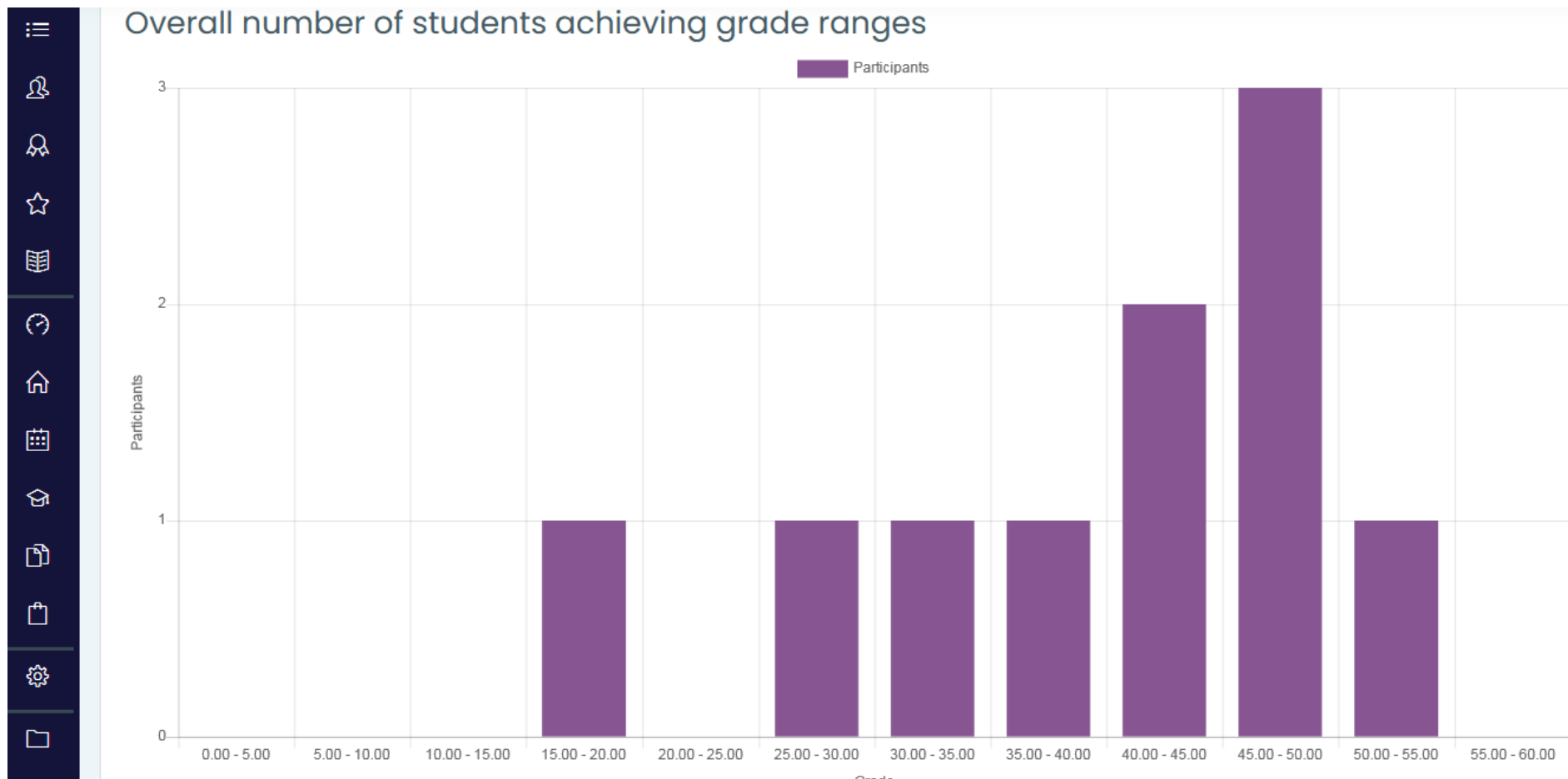
STATISTIC TEST RESULTS



	First name / ID	Started	Time	Q.1	Q.2	Q.3	Q.4	Q.5
<input type="checkbox"/>	Surname number Email address	on Completed	taken Grade/60.00	/1.00	/1.00	/1.00	/1.00	/1.00
<input type="checkbox"/>	HAIRUL AZMI BIN MOHAMED Review attempt	9 May 2020 1:04 PM	9 May 2020 2:04 PM 59 mins 32 secs 52.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00
<input type="checkbox"/>	LAILATUL AMIRA BINTI ANUAR Review attempt	10 May 2020 6:38 AM	10 May 2020 7:38 AM 1 hour 42.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00
<input type="checkbox"/>	NOORHAFIZE BIN NOORDIN Review attempt	10 May 2020 10:59 AM	10 May 2020 11:59 AM 1 hour 19.00	✗ -	✗ -	✗ -	✗ -	✓ 1.00
<input type="checkbox"/>	KOGULAN A/L MURUGAN Review attempt	10 May 2020 11:05 AM	10 May 2020 12:05 PM 1 hour 33.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00	✓ 1.00
<input type="checkbox"/>	ZAMRADY BIN ARIFFIN Review attempt	10 May 2020 2:25 PM	10 May 2020 3:25 PM 1 hour 44.00	✗ 0.00	✓ 1.00	✓ 1.00	✗ 0.00	✓ 1.00



Co-funded by the
Erasmus+ Programme
of the European Union





UniKL

UNIVERSITI
KUALA LUMPUR

THANK YOU

UniKL

