

## Introduction to MMJ10403 (2022/2023)

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## Time table of sem 2 2022/2023

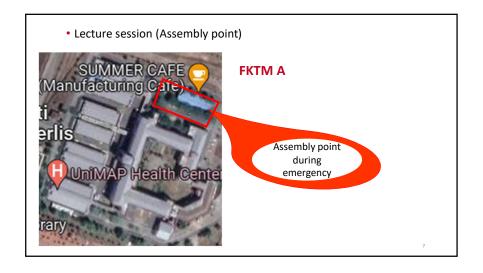
- Lecture sessions
  - ➤ Monday 08:00 am 09:00 am BPU 7
  - ➤Thursday 08:00 am 10:00 am BPU 6
- Laboratory sessions
  - ➤ UR6521001 Year 1 : Tuesday 03:00 pm 05:00 pm FTKM B4(a)
  - ➤ UR6521001 Y2GExDip2 : Monday 12:00 pm 02:00 pm FTKM B4(a)
  - ► UR6521001 Y2GExDip3 : Thursday 02:00 pm 04:00 pm FTKM B4(a)

# From next week and beyond ...

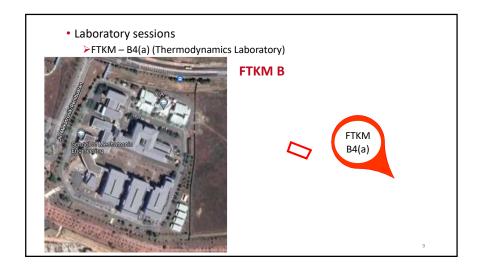
- Lecture sessions
  - ➤ Either face-to-face or online (sync/ async) kindly refer to the tentative for this course. If there is any changes on the tentative, notice will be given in Google classroom and the calendar for this course.
  - ➤ Basically, most lecture sessions are face-to-face, except for week 04 and few public holidays will be conducted as online (async).







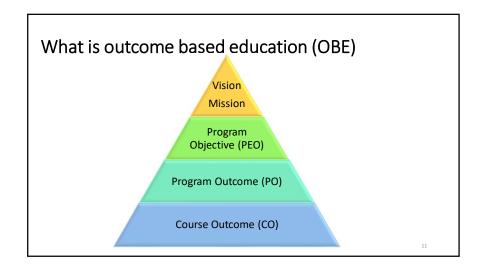


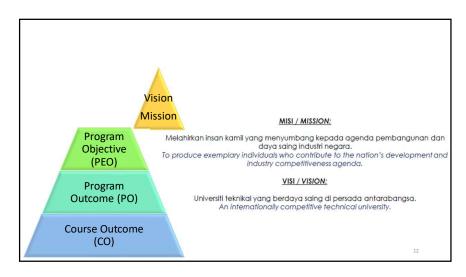


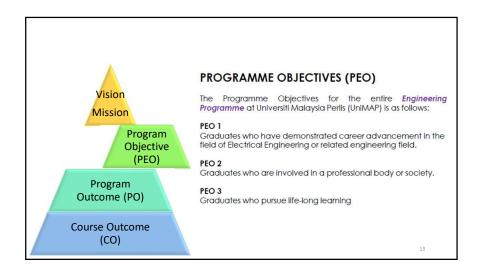
# Outcome based education (OBE)

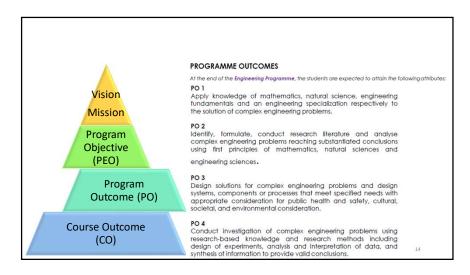
#### **Contents**

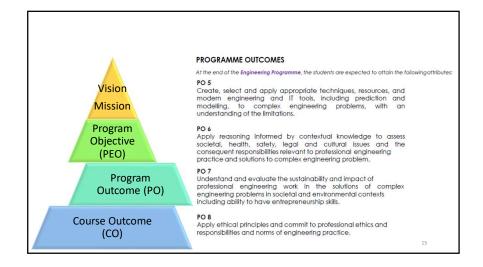
- a. What is outcome based education (OBE)
- b. HEA-01 document
- c. CO-PO mapping in HEA-01
- d. Course content to achieve COs
- e. OBE process

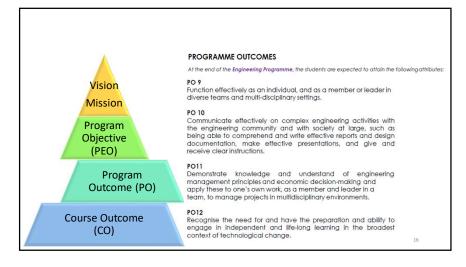


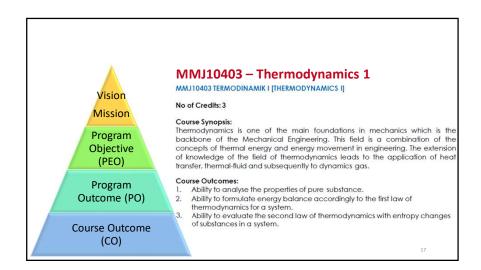


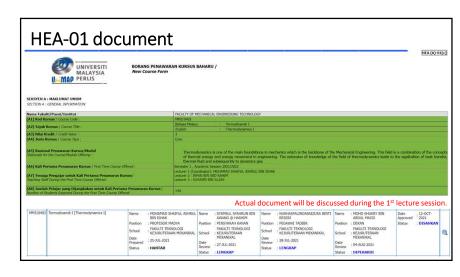


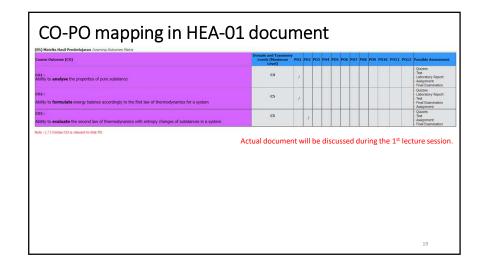


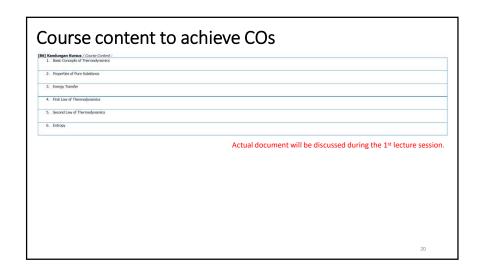


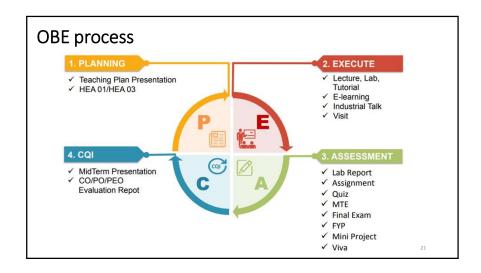








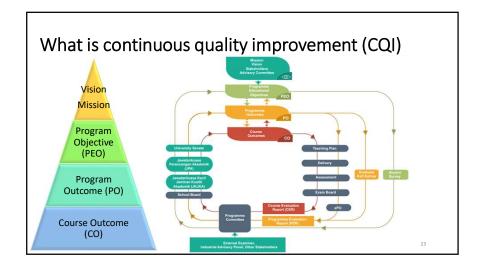


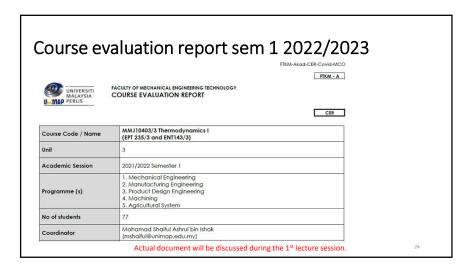


# Continuous quality improvement (CQI)

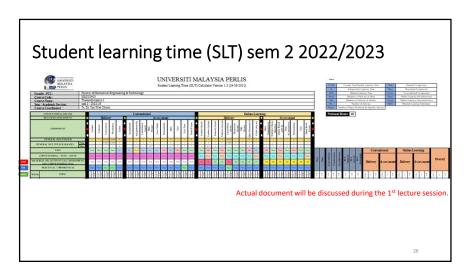
#### **Contents**

- a. What is continuous quality improvement (CQI)
- b. Course evaluation report sem 1 2022/2023
- c. Teaching plan sem 2 2022/2023
- d. Student learning time (SLT) sem 2 2022/2023
- e. Details schedule in sem 2 2022/2023









- Every single hour face-to-face lecture requires 1 hour self-learning time.
- Every single hour laboratory require 2/3 hour self-learning time.
- Every single page of assignment require 1 hour self-learning time.
- Every single laboratory report require 3 hours self-learning time.
- No self-learning time is allocated for the quizzes as pop quizzes will be conducted.
- Every single hour of test require 3 hours of self-learning time.
- Every single hour of final examination requires 5 hours of self-learning time.
- You need to contribute 121.3 hours for this course in this sem 2 2022/2023.

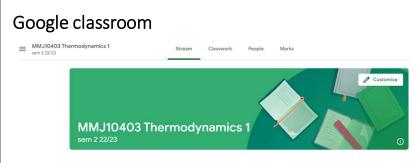
Cι	a	115	SC	:ne	eaule	e in	sem 2	2022/20	123	
VEEK	DURATION			TYPE	HOUR(S)	HOLIDAY(S)	CHAPTERS	REMARK(S)		
	27	March	2023	Mon	Lec (F2F)	1 hr				
	28	March	2023	Tue						
	29	March	2023	Wed				Basic Concepts of		
1	30	March	2023	Thu	Lec (F2F)	2 hrs		Thermodynamics		
	31	March	2023	Fri				memodynamics		
	1	April	2023	Sat						
	2	April	2023	Sun						
	3	April	2023	Mon	Lec (F2F)	1 hr				
	4	April	2023	Tue						
	5	April	2023	Wed						
2	6	April	2023	Thu	Lec (F2F)	2 hrs		Properties of Pure Substance		
	7	April	2023	Fri						
	8	April	2023	Sat			Nuzul Al-Quran			
	9	April	2023	Sun	Lec (F2F)	1 hr				
	11	April	2023	Tue	Lec (FZF)	1 hr				
	12	April	2023	Wed						
3	13	April	2023	Thu	Lec (F2F)	2 hrs		Properties of Pure Substance	" Quiz 1	
3	14	April	2023	Fri	Leu (FZF)	Z nrs		ropeises or rate outstance	COLE 1	
	15	April	2023	Sat						
	16	April	2023	Cun						

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### Import calendar

- The calendar of MMJ10403 Thermodynamics 1 (.ics file) is provided in the Google classroom.
- Kindly refer to https://support.google.com/calendar/answer/37118?hl=en&co=GENI E.Platform%3DDesktop for how to import .ics file to your Google calendar.

**Textbook** THERMODYNAMICS: AN ENGINEERING APPROACH, SI RM348.72 THERMODYNAMICS us Cengel , By (author) Michael Boles , By (author) Mehmet Kanoglu The subject of thermodynamics deals with energy and has long been an essential part of engineering curricula all over the world. Its broad application area ranges from microscopi Not ordering to Malaysia? Click here A conscious effort is made to emphasize the basic principles of thermodynamics while also providing students with a perspective of how computational tools are used in engineering practice. The traditional classical, or macroscopic, approach is used throughout the t... sho



- 0 students (update 12:00 am 24 March 2023)
- Link: https://classroom.google.com/c/NTE3Njc4NzkzOTM1?cjc=5ias2y5
- Kindly join Google classroom using UniMAP student account. · All materials and announcements will be given here.
- · Please avoid last minute culture for the given tasks.



# WhatsApp group







- 0 students (update 12:00 am 24 March 2023)
- Kindly utilize this WhatsApp group. I'll not response to any message from Telegram or
- Avoid any private message unless there is something about personal information.
- Link: https://chat.whatsapp.com/GebKWgCa3GlAdjqA2B892g



### Post COVID-19

- ✓ Kindly follow the latest SOP as given by Malaysia government as well as UniMAP.
- ✓ You are encourage to wear your face mask during lecture/tutorial/laboratory sessions.
- √You are compulsory to wear your face mask during your visit to my
  office.
- ✓ Kindly replace with a new face mask whenever it is needed.
- ✓ Sanitize your hand frequently especially after you touch something that is not belong to yours.

- ✓ If you are detected positive for COVID-19 or close contact with positive COVID-19 patient, kindly report to
  - MySejahtera Apps (generate digital home surveillance order (HSO) from MySejahtera)
  - SHE system (https://she.unimap.edu.my)
  - Your RPS (Kindly know who is your RPS, if no idea ask your program chairperson)
  - Your course coordinator / lecturer
- ✓ If you are not feeling well, please take a good rest without attend the session to bring risk to others. Kindly obtain medical advice from the UniMAP Health Centre.
- ✓Only those who provide official digital HSO from MySejahtera within 2 weeks are allowed to conduct replacement of continual assessment.

### Attendance

- ✓ If on-line session, Google form will be distributed by lecturer. Kindly complete the Google form within the given duration.
- ✓ Response after the given duration will not be considered as a valid attendance.
- ✓ Percentage of absent more than 10 % will be given first warning letter.
- ✓ Percentage of absent more than 20 % will be given second warning letter.
- ✓ If no further improvement, a barring letter from final examination will be issued.

# Assignments/Quizzes/Laboratory report

- ✓ Information that is related to the assignment/quiz/laboratory report will be announced in Google classroom.
- ✓ Kindly aware of the due date given in the Google classroom. Please do not practicing last minute culture as you will never expected that you also have other task to be completed in other course within the same due date.
- ✓ Any lateness will cause penalty of -10% per working day.
- ✓ Please take note that those assignment or laboratory report with provided rubrics, the perfect answer scheme will not be given. Kindly refer to the given rubrics to plan your strategy to obtain an excellent marks of that assessment.

- ✓ You are requested to submit your complete student statement which
  is available in Google classroom within the first two weeks of the
  semester.
- ✓ All the assessments for this course are personal work. Therefore, no discussion is allowed. If it is detected with the similar answer, 0 marks will be awards to all involved parties.
- ✓ Although laboratory will be conducted in group but the laboratory report is still considered as individual work.
- ✓ Remember that if you would like to repeat this course for additional semester (when you fail the course), you need to score at least 40 % of the allocated 40 marks for the coursework.

