

Faculty/School	Faculty of Engineering/ School of Chemical and Energy Engineering
Program Name	Master of Science (Energy Management)
Program Code	METE
Mode of Program	Taught Course
Academic Session/Semester	2022/2023/1

COURSE MENU

	UNIVERSITY GENERAL COURSES (Choose 1 Course)	
Code	Courses	Credit
UHMS 6013	Seminar on Global Development Economic & Social Issues	3
UHMZ 6023*	Malaysian Society and Culture	3
UHLM 6013*	Malay Language Academic Writing	3
UHS 6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UECS6013	IT Project Management	3
UBSS6013	Organizational Behavior and Development	3
URTS6013	Etika Alam Sekitar	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UECS6023	Introduction to Technopreneurship	3

	CORE COURSES (All compulsory) 18 CREDIT	
Code	Courses	Credit
METU1013	Research Methodology	3
METE1113	Sustainable Energy Management and Audit	3
METE1123	Mechanical energy Management and Audit	3
METE1133	Electrical Energy Management and Audit	3
METE1143	Thermal Energy Management and Audit	3
METE1153	Occupational Safety for Energy Systems	3

	PROJECT (Compulsory) 12 CREDIT	
Code	Courses	Credit
METE1315	Energy Project 1	5
METE1327	Energy Project 2	7

	ELECTIVE COURSES (Choose 4 Courses Only) 12 CREDIT	
Code	Courses	Credit
METE1213	Renewable Energy	3
METE1223	Energy Life Cycle cost and Emission Analysis	3
METE1233	Energy Integration and Resource Conservation	3
METE1243	Industrial Process Analysis	3
METE1253	Energy Planning for Conservation and Sustainable Development	3
METE1263	Project Management and Ethics	3
TOTAL CREDIT		45

Nama Penyelaras : AP Ir. Dr. Lim Jeng Shiun
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PROGRAM STRUCTURE (METEA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2022/2023 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME AND CONTACT NO:
University General Courses	<i>Student MUST refer to SPS Website https://sps.utm.my/academic-related-resources/ for the University general courses schedule</i>				
Core Faculty Course	METU1013	1	01	Monday 2.00pm – 5.00pm	AP Dr. Zainul Akmar Zakaria zainulakmar@utm.my 012-6270423
Core Courses	METE 1113	1	01	Monday 10.00am – 1.00pm	AP Dr. Zarina Ab. Muis zarinamuis@utm.my 019-7743715
	METE 1123	1	01	Wednesday 10.00am – 1.00pm	AP Ir. Dr. Hayati Abdullah hayatiabdullah@utm.my 012-2979907
	METE 1133	1	01	Wednesday 2.00pm – 5.00pm	AP Ts. Dr. Dalila Mat Said dalila@utm.my 019-4278761 AP Ts. Dr. Norzanah Rosmin norzanah@utm.my 019-7100453
Elective Course	METE 1223	1	01	Tuesday 10.00am – 1.00pm	AP Ir. Dr. Lim Jeng Shiun jslim@utm.my 012-7800221

PROGRAM STRUCTURE (METEA1HKA– OFFSHORE KUALA LUMPUR)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2022/2023 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	<i>Student MUST refer to SPS Website https://sps.utm.my/academic-related-resources/ for the University general courses schedule</i>				
Core Faculty Course	METU1013	1	02	5 & 6 November 2022 3 & 4 December 2022 14 & 15 January 2023 Saturday & Sunday 9.00am – 5.00pm	AP Ts Dr. Ho Wai Shin hwshin@utm.my 016-4401186
Core Courses	METE1133	1	02	29 & 30 October 2022 26 – 27 November 2022 21 – 22 January 2023 Saturday & Sunday 9.00am – 5.00pm	AP Ts. Dr. Dalila Mat Said dalila@utm.my 019-4278761 norzanah@utm.my 019-7100453
Elective Course	METE 1223	1	02	12 & 13 November 2022 17 & 18 December 2022 7 & 8 January 2023 Saturday & Sunday 9.00am – 5.00pm	AP Ir. Dr. Lim Jeng Shiun jslim@utm.my 012-7800221