Faculty/School	**Faculty of Chemical and Energy Engineering**
ProQram Name	**Master in Energy Transition and Management**
Program Code	**MKTE**
Mode of Program	**Taught Course**
Academic Session /Semester	**2026/2027-1**

COURSE MENU

	UNIVERSITY GENERAL COURSES (Choose 1 Course)	
Code	**Courses Name**	**Credit**
UBSS6013	Organizational Behavior and Development	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UHMS 6013	Seminar on Global Development Economic & Social Issues	3
UHMZ 6023	Malaysian Society and Culture	3
UHIS 6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UHLM 6013	Malay Language for Post Graduates	3
URTS6013	Environmental Ethics	3
UECS6013	IT Project Management	3
UECS6023	Introduction to Technopreneurship	3
UMJJ6013	Basic Japanese Language & Culture	3

	CORE FACULTY COURSES (All compulsory) 18 CREDIT	
Code	**Courses Name**	**Credit**
MKTU1013	Research Methodology	3
MKTE1113	Sustainable Energy Management System	3
MKTE1123	Registered Energy Manager Level 1	3
MKTE1133	Registered Energy Manager Level 2	3
MKTE1143	Energy Planning and Data Analytics	3
MKTE1153	Renewable Energy	3

	ELECTIVE COURSES (Choose 4 Courses Only) 12 CREDIT	
Code	**Courses Name**	**Credit**
MKTE1213	GHG Emissions Assessment and Mitigation	3
MKTE1223	Energy Project Management	3
MKTE1233	Energy Integration and Resources Conservation	3
MKTE1243	Mechanical and Electrical Energy Audit	3
MKTE1253	Thermal Energy Audit	3

	PROJECT (Compulsory} 12 CREDIT	
Code	**Courses Name**	**Credit**
MKTE1316	Energy Project 1	5
MKTE1326	Energy Project 2	5
TOTAL CREDIT		**42**

Nama Penyelaras : **Ts. Dr. Muhammad Afiq Zubir**
Email : **muhammadafiqzubir@utm.my (h/p: 012-2451581)**

PROGRAM STRUCTURE (MKTEA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2026/2027 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	*Student MUST refer to SPS Website https://sps.utm.mylacademic-related-resources/ for the University general courses schedule*				
Core Faculty Course	MKTU1013	1	01	Thursday 8.00am – 11.00am	Assoc. Prof. Dr. Ho Wai Shin hwshin@utm.my 016-4401186 Assoc. Prof. Dr. Zarina Ab. Muis zarinamuis@utm.my 019-7743715
Core Courses	MKTE1113/ METE1113	1	01	Monday 10.00am – 1.00pm	Prof. Ir. Dr. Zainuddin Abd. Manan dr.zain@utm.my 019-7781000
	MKTE1143/ METE1253	1	01	Friday 8.00am – 11.00am	Prof. Ir. Dr. Haslenda Hashim haslenda@utm.my 019-7956265
Elective Course	MKTE1213	1	01	Wednesday 2.00pm – 5.00pm	Assoc. Prof. Ir. Dr. Lim Jeng Shiun jslim@utm.my 012-7800221

PROGRAM STRUCTURE (METEA1HKA - OFFSHORE KUALA LUMPUR - HYBRID)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2026/2027 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	*Student MUST refer to SPS Website https://sps.utm.mylacademic-related-resourcesl for the University general courses schedule*				
Core Faculty Course	-	-	-	-	-
Core Courses	-	-	-	-	-
Elective Course	METE1253	1	02	31/10/2026 – 1/11/2026 14/11/2026 – 15/11/2026 2/1/2026 – 3/1/2026 Saturday & Sunday 9.00am - 5.00pm	Prof. Ir. Dr. Haslenda Hashim haslenda@utm.my 019-7956265