

Faculty/School	Faculty of Engineering/School of Chemical and Energy Engineering
Program Name	Master of Science (Energy Management)
Program Code	MTEA1LJA
Mode of Program	Taught Course
Academic Session/Semester	20212022/1

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
MTE1113	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

PROGRAM STRUCTURE (METEA1LJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2021/2022 SEMESTER 1

SYLLABUS	COURSE CODE	MODE OF TEACHING	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME AND CONTACT NO:
University General Courses						
Core Faculty Courses	METU1013	ONLINE	1	03	Thursday 9.00am - 12.00pm	Prof. Dr. Mat uzir Wahit r-uzir@utm.my 012-7012001
Core Faculty Courses	METE 1113	ONLINE	1	01	Monday 10.00am - 1.00pm	Dr. Zarina Ab. Muis zarinamuis@utm.my 019-7743715
Core Faculty Courses	METE 1123	ONLINE	1	01	Wednesday 10.00am - 1.00pm	PM Ir. Dr. Hayati Abdullah hayatiabdullah@utm.my 012-2979907
Core Faculty Courses	METE 1133	ONLINE	1	01	Wednesday 2.00pm – 5.00pm	Prof. Dr. Mohamad Yusri Mohammad Hassan yusrih@utm.my 019-7200271
Elective Course	METE 1223	ONLINE	1	01	Tuesday 10.00am - 1.00pm	Ir. Dr. Lim Jeng Shiun islim@utm.my 016-4401186

PROGRAM STRUCTURE (MKKEA1BKA – OFFSHORE KUALA LUMPUR)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2021/2022 SEMESTER 1

SYLLABUS	COURSE CODE	MODE OF TEACHING	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses						
Core Faculty Courses						
Core Faculty Courses	MKKE1213	ONLINE	1	02	6 & 7 November 2021 4 & 5 December 2021 15 & 16 January 2021 Saturday & Sunday 9.00am – 5pm	Dr. Zarina Ab. Muis zarinamuis@utm.my 019-7743715
	MKKE1223	ONLINE	1	02	13 & 14 November 2021 20 November 2021 11 & 12 December 2021 18 December 2021 Saturday & Sunday 9.00am – 5pm	Dr. Nor Alafiza yunus alafiza@utm.my 012-3302842
Elective Courses	MKKE2133	ONLINE	1	02	30 & 31 October 2021 27 & 28 November 2021 8 & 9 January 2022 Saturday & Sunday 9.00am – 5pm	Ts Dr. Ho Wai Shin hwshin@utm.my 016-4401186