

Faculty/School	Faculty of Chemical and Energy Engineering
Program Name	Master in Process Plant Management
Program Code	METL
Mode of Program	Taught Course
Academic Session/ Semester	2025/2026-1

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	Course Name	Credit
UHMS6013	Seminar on Global Development, Economic and Social Issues	3
UHMZ6023	Malaysian Society and Culture	3
UHLM6013	Malay Language for Academic Writing	3
UHS6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UECS6013	IT Project Management	3
UBSS6013	Organization Behavior and Development	3
URTS6013	Environmental Ethics	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UECS6023	Introduction to Technopreneurship	3

Core Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
METU1013	Research Methodology	3

Core Courses (Compulsory)		
Course Code	Course Name	Credit
METL1113	Chemical Process & Equipment	3
METL1123	Process Operation, Control & Troubleshooting	3
METL1133	Sustainable Energy Management	3
METL1143	Environmental Management Plan	3
METL1153	Quality Management	3
METL1163	Financial Analysis & Management	3
METL1173	Safety and Health Management (Module 1 SHO)	3

Elective Courses (Choose 2 only)		
Course Code	Course Name	Credit
METW1273	Human Factors	3
METW1123	Safety and Health Legislation (Module 2 SHO)	3
METB1143	Digital Transformation in Process Industry	3
METE1143	Thermal Energy Management	3

Project (Compulsory)		
Course Code	Course Name	Credit
METL1314	Master Project 1	4
METL1326	Master Project 2	6

Programme Coordinator : Dr. Aishah Rosli
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PROGRAM STRUCTURE

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2025/2026 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 Courses	METU1013	1	01	Friday 8.00 am – 11.00 am	Assoc. Prof. Dr. Zainul Akmar Zakaria zainulakmar@utm.my 012-6270423
Core Courses	METL1143	1	01	Wednesday 2.00 pm – 5.00 pm	Assoc. Prof. Ir. Dr. Muhammad Arif Ab. Aziz m.arif@utm.my 019-7421753
	METL1133	1	01	Wednesday 8.00 am – 11.00 am	Prof. Ir. Ts. Dr. Sharifah Rafidah Wan Alwi syarifah@utm.my 019-8683085
	METL1113	1	01	Thursday 8.00 am – 11.00 am	Assoc. Prof. Ir. Dr. Mazura Jusoh r-mazura@utm.my 013-7777153
	METL1123	1	01	Thursday 2.00 pm – 5.00 pm	Assoc. Prof. Ir. Dr. Zaki Yamani Zakaria zakiyamani@utm.my 013-7777152 Dr. Dinie Muhammad dinie.muhammad@utm.my 014-8350730
Elective Courses	<i>Student can refer to other programs that offers elective courses (as listed in the study plan)</i>				
Project	-				