

Faculty	<b>Faculty of Chemical and Energy Engineering</b>
Program Name	<b>Master of Gas Engineering and Management</b>
Program Code	<b>METM</b>
Mode of Program	<b>Taught Course</b>
Academic Session / Semester	<b>2024/2025 - 1</b>

## COURSE MENU

<b>University General Course (Choose 1 ONLY) – Subject to availability</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
UBSS6013	Organizational Behavior and Development	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UHMS6013	Seminar on Global Development, Economic and Social Issues	3
UHMZ6023	Malaysia Society and Culture	3
UHS6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UHLM6013	Bahasa Malaysia Penulisan Ilmiah	3
URTS6013	Environmental Ethics	3
UECS6013	IT Project Management	3
UECS6023	Introduction to Technopreneurship	3
UMJJ6013	Basic Japanese Language & Culture	3

<b>PROGRAMME CORE COURSES</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METM 1113	Hydrocarbon Gas Project Planning, Development and Financing	3
METM 1123	Asset Management and Control	3
METM 1133	Risk and Safety Management	3
METM 1143	Hydrocarbon Gas Storage System	3
METM 1153	Hydrocarbon Gas Exploration, Production and Processing	3
METM 1163	Hydrocarbon Gas Supply Engineering and Transportation	3
METU 1013	Research Methodology	3

<b>ELECTIVE COURSES (Choose 2 ONLY) – Subject to availability</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METM 1213	Flow Measurement	3
METM 1223	Fire and Explosion	3
METM 1233	Energy Management	3
METM 1243	LNG Technology	3
METM 1253	Membrane Technology for Gas Separation	3
METM 1263	Hydrocarbon Gas Contract Negotiation and Implementation	3
METW 1233	Crisis and Emergency Management	3
METW 1253	Asset Integrity	3
METW 1323	Pollution Control Technology	3
METK 1143	Project Management for Engineering and Technology	3
METB 1103	Biotechnology for Engineers	3
METR 1153	Polymer Rheology and Processing	3

<b>Project (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METM 1314	Graduate Project I	4
METM 1326	Graduate Project II	6

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PROGRAM STRUCTURE (METMA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2024/2025 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 <a href="https://sps.utm.my/academic-related-resources/">https://sps.utm.my/academic-related-resources/</a> for the University general courses schedule</i>				
Core Faculty Course	METU1013	1	01	Wednesday 2.00 pm – 5.00 pm	Prof. Dr. Mat Uzir Wahit <a href="mailto:r-uzir@utm.my">r-uzir@utm.my</a> 012-7012001
Core Courses	METM1133	1	01	Tuesday 10.00am – 1.00pm	PM Dr. Rafiziana Md Kasmani <a href="mailto:rafiziana@utm.my">rafiziana@utm.my</a> 019-7707310
	METM1153	1	01	Wednesday 9.00am – 12.00pm	Dr. Norhana Mohd Rashid <a href="mailto:norhanarashid@utm.my">norhanarashid@utm.my</a> 013-7996378
	METM1113	1	01	Monday 2.00pm – 5.00pm	PM Dr. Hasrinah Hasbullah <a href="mailto:hasrinah@utm.my">hasrinah@utm.my</a> 017-6486671
Elective Course	METM1263	1	01	Thursday 10.00am – 1.00pm	Dr. Norazana Ibrahim <a href="mailto:norazana@utm.my">norazana@utm.my</a> 013-7990429

