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| Faculty/School | Faculty of Engineering / School of Chemical and Energy Engineering |
| Program Name | Master of Gas Engineering and Management |
| Program Code | MKPM |
| Mode of Program | Taught Course |
| Academic Session/ Semester | 20202021/1 |

COURSE MENU

| University General Courses (Choose 1 ONLY) | | |
|---|---|---------------|
| Course Code | Course Name | Credit |
| UHAP 6013 | Seminar on Global Development, Economic & Social Issues | 3 |
| UHAZ 6123 | Malaysian Society & Culture (for International Students Only) | 3 |
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*Mohon senaraikan semua kursus yang berkenaan

| Core Faculty Courses (Compulsory) | | |
|--|----------------------|---------------|
| Course Code | Course Name | Credit |
| UKPP 0013 | Research Methodology | 3 |

*Mohon senaraikan semua kursus yang berkenaan

| Core Courses (Compulsory) | | |
|----------------------------------|---|---------------|
| Course Code | Course Name | Credit |
| MKPM 1243 | Hydrocarbon Gas Project Planning, Development and Financing | 3 |
| MKPM 1223 | Asset Management and Control | 3 |
| MKPM 1213 | Risk and Safety Management | 3 |
| MKPM 1123 | Hydrocarbon Gas Transportation and Storage | 3 |
| MKPM 1113 | Hydrocarbon Gas Exploration, Production and Processing | 3 |
| MKPM 1233 | Hydrocarbon Gas Contract Negotiation and Implementation | 3 |
| MKPM 1143 | Hydrocarbon Gas Thermodynamic Properties and Utilization | 3 |
| MKPM 1133 | Hydrocarbon Gas Supply Engineering and Economic | 3 |

*Mohon senaraikan semua kursus yang berkenaan

| Elective Courses (Choose 2 only) | | |
|---|--------------------|---------------|
| Course Code | Course Name | Credit |
| MKPM 1323 | Flow Measurement | 3 |
| MKPM 1353 | Fire and Explosion | 3 |
| MKPM 1173 | Energy Management | 3 |
| MKPM 1153 | LNG Technology | 3 |

*Mohon senaraikan semua kursus yang berkenaan

| Project (Compulsory) | | |
|-----------------------------|--------------------|---------------|
| Course Code | Course Name | Credit |
| MKPM 1414 | Graduate Project 1 | 4 |
| MKPM 1426 | Graduate Project 2 | 6 |

*Mohon senaraikan semua kursus yang berkenaan

PROGRAM STRUCTURE

| SYLLABUS | COURSE CODE | SEMESTER | SECTION | DAY & TIME | LECTURER'S NAME & CONTACT NO : (Email & HP no.) |
|----------------------------|------------------------|----------|---------|--|---|
| University General Courses | | | | | |
| Core Faculty Courses | UKPP 0013 | 1 | 01 | Monday 8.00 am - 10.00 am Thursday 9.00 am - 10.00 am | Prof. Dr. Mat Uzir Wahit r-uzir@utm.my 012-7012001 |
| Core Courses | MKPM 1133 | 1 | 01 | Tuesday 10.00 am - 1.00 pm | Prof. Dr. Rahmat Mohsin rahmat@utm.my 012-7722770 |
| | MKPM 1243 | 1 | 01 | Wednesday 10.00 am - 1.00 pm | Dr. Zulkifli Abdul Majid r-zulkifli@utm.my 019-7407602 |
| | MKPM 1143 | 1 | 01 | Monday 10.00 am - 1.00 pm | Prof. Madya Dr. Azeman Mustafa r-azeman@utm.my 012-7676761 |
| | MKPM 1233 | 1 | 01 | Tuesday 2.00 pm - 5.00 pm | Dr. Norazana Ibrahim norazana@utm.my 013-7990429 |
| Elective Courses | MKPM 1173 | 1 | 01 | Wednesday 2.00pm – 5.00pm | Dr. Zarina Ab. Muis zarinamuis@utm.my 019-7743715 |
| Project | MKPM 1414 MKPM 1426 | 1 | 01 | | Dr. Farhana Aziz farhanaaziz@utm.my 0177207603 |

CURRICULLUM OF MASTER OF GAS ENGINEERING AND MANAGEMENT
COHORT 2020/2021

| Semester | Kod | Kursus | Kredit |
|----------------------------------|------------|---|---------------|
| TAHUN 1 | | | |
| I (Lazim) | MKPM1233 | Hydrocarbon Gas Contract Negotiation and Implementation | 3 |
| | MKPM1243 | Hydrocarbon Gas Project Planning, Development and Financing | 3 |
| | MKPM1133 | Hydrocarbon Gas Supply Engineering and Economic | 3 |
| | MKPM 1**3 | Programme Elective I | 3 |
| | UHX***3 | University Elective | 3 |
| | UPU***3 | Research Methodology | 3 |
| | | Jumlah Kredit | 18 |
| II (Lazim) | MKPM 1123 | Hydrocarbon Gas Transportation and Storage | 3 |
| | MKPM1223 | Asset Management and Control | 3 |
| | MKPM 1213 | Risk and Safety Management | 3 |
| | MKPM1113 | Hydrocarbon Gas Exploration, Production and Processing | 3 |
| | MKPM1414 | Graduate Project I | 4 |
| | | Jumlah Kredit | 16 |
| TAHUN 2 | | | |
| I (Lazim) | MKPM1143 | Hydrocarbon Gas Thermodynamic Properties and Utilization | 3 |
| | MKPM1**3 | Programme Elective II | 3 |
| | MKPM1426 | Graduate Project II | 6 |
| | | Jumlah Kredit | 12 |
| Jumlah Kredit Keseluruhan | | | 46 |