

PEMINDAHAN KREDIT SECARA MENEGAK (VERTIKAL)
PROGRAM SARJANA MUDA TEKNOLOGI KEJURUTERAAN MEKANIKAL (PETROLEUM) DENGAN KEPUJIAN (BTO)

NO	COURSE CODE	COURSE NAME	INSTITUTION & COURSE
1	BTO1143	FLUID MECHANICS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DKK2233 FLUID MECHANICS OR DKK2373 FLUID MECHANICS OR DMM2533 FLUID MECHANICS OR DRK1133 FLUID MECHANICS POLITEKNIK (18) DCN3113 HYDRAULICS OR DGP2053 FLUID MECHANICS OR DJJ2093 FLUID MECHANICS OR GP505 FLUID MECHANICS OR DJJ20073 FLUIDS MECHANICS OR DGP20082 FLUID MECHANICS AND DGP30161 PROCESS ENGINEERING LAB 1 AND DGP40171 PROCESS ENGINEERING LAB 2 AND DGP50231 PROCESS ENGINEERING LAB 3 UNIVERSITI KUALA LUMPUR: CLD10603 FLUID MECHANICS UNIVERSITI TENAGA NASIONAL MEHD224 MECHANICS OF FLUIDS UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM) DAK10703 FLUID MECHANICS OR DAK12403 FLUID MECHANICS OR DAK22403 FLUID MECHANICS TERENGGANU ADV TECHNICAL INS. (TATI) DTC1053 FLUIDS MECHANICS UNIVERSITI TEKNOLOGI MALAYSIA DDWJ2303 FLUID MECHANICS 1 AND DDWJ3303 FLUID MECHANICS 2 KOLEJ KEMAHIRAN TINGGI MARA DPV30313 FLUIDS MECHANICS OR DPV20443 FLUID MECHANICS UNIVERSITI KOLEJ YAYASAN PAHANG DWJ2303 FLUID MECHANICS 1 AND DDWJ3303 FLUID MECHANICS 2 UNIVERSITI TEKNOLOGI MARA (UiTM) MEC241 FLUID MECHANICS

2	BTO2133	THERMODYNAMICS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DKK2253 THERMODYNAMICS OR DKK2333 THERMODYNAMICS OR DMM2543 THERMODYNAMICS OR DRK1213 THERMODYNAMICS OR DRM2323 THERMODYNAMICS UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM) DAK10603 THERMODYNAMICS OR DAK20603 THERMODYNAMICS OR DAK20703 THERMODYNAMICS POLITEKNIK(18) DGP2043 THERMODYNAMICS OR DGU2043 THERMODYNAMICS OR DJJ2073 THERMODYNAMICS OR GP203 THERMODYNAMICS OR DJJ20063 THERMODYNAMICS OR DJM2043 THERMOFLUIDS OR DGP20052 THERMODYNAMICS AND DGP30161 PROCESS ENGINEERING LAB 1 AND DGP40171 PROCESS ENGINEERING LAB 2 AND DGP50231 PROCESS ENGINEERING LAB 3 TERENGGANU ADV TECHNICAL INS. (TATI) DTC2073 THERMODYNAMIC UNIVERSITI TEKNOLOGI MALAYSIA DDWJ2413 THERMODYNAMICS 1 AND DDWJ2423 THERMODYNAMICS 2 UNIVERSITI KUALA LUMPUR CLD20302 THERMODYNAMICS AND CPD30302 PILOT PLANT OPERATION 2 KOLEJ KEMAHIRAN TINGGI MARA DPV40353 THERMODYNAMICS OR DPV40483 THERMODYNAMICS UNIVERSITI KOLEJ YAYASAN PAHANG DDWJ1413 THERMODYNAMICS 1 AND DDWJ2423 THERMODYNAMICS 2 UNIVERSITI TEKNOLOGI MARA (UiTM) MEC251 THERMODYNAMICS
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3	BTO1423	ELECTRIC & ELECTRONICS FUNDAMENTALS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM1423 ELECTRICAL & ELECTRONIC TECHNOLOGY POLITEKNIK EE201 SEMICONDUCTOR DEVICES AND EE202 DIGITAL ELECTRONICS OR DGU1033 ELECTRICAL TECHNOLOGY OR DGP1013 ELECTRICAL TECHNOLOGY OR DJJ20053 ELECTRICAL TECHNOLOGY OR DGP10013 ELECTRICAL TECHNOLOGY OR DJJ2022 ELECTRICAL TECHNOLOGY AND DJF5042 INDUSTRIAL ROBOTIC KOLEJ KEMAHIRAN TINGGI MARA (AM)(KKTMM001) DPV20263 ELECTRICAL AND ELECTRONIC FUNDAMENTAL UNIVERSITI TEKNOLOGI MARA (UiTM) ELE290 BASIC ELECTRICAL ENGINEERING INSTITUT TEKNIKAL JEPUN MALAYSIA (JMTI) DPA2208 PRINCIPLE ELECTRIC AND ELECTRONIC AND DPC3315 CNC ELECTRICAL DISCHARGE MACHINE UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM) DAU10203 FUNDAMENTALS OF ELECTRIC & ELECTRONIC
4	BTO1243	STATICS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM1533 STATICS OR DKK2363 ENGINEERING MECHANICS OR DRK1123 ENGINEERING MECHANICS POLITEKNIK DJJ3053 ENGINEERING MECHANICS OR DGM3043 ENGINEERING MECHANICS OR DJJ30093 ENGINEERING MECHANICS UNIVERSITI TEKNOLOGI MALAYSIA DDWJ1203 STATICS KOLEJ KEMAHIRAN TINGGI MARA(AM)(KKTMM001) DPV20133 STATICS OR DPV20493 STATICS UNIVERSITI TEKNOLOGI MARA (UiTM) MEC111 STATICS

5	BTO2153	STRENGTH OF MATERIALS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM2513 SOLID MECHANICS OR DRM2243 SOLID MECHANICS POLITEKNIK DJJ3103 STRENGTH OF MATERIALS OR DGM3053 STRENGTH OF MATERIALS OR DJJ30103 STRENGTH OF MATERIALS UNIVERSITI TEKNOLOGI MALAYSIA DDWJ2113 SOLID MECHANICS 1 AND DDWJ2123 SOLID MECHANICS 2 UNIVERSITI KOLEJ YAYASAN PAHANG DDWJ2113 SOLID MECHANICS 1 AND DDWJ2123 SOLID MECHANICS 2 UNIVERSITI TEKNOLOGI MARA (UiTM) MEC211 STRENGTH OF MATERIALS
7	BTO2173	PROPERTIES OF MATERIALS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM1523 ENGINEERING MATERIALS OR DRS1513 MATERIAL SCIENCE OR DRM1213 ENGINEERING MATERIALS POLITEKNIK DGM2033 MATERIAL SCIENCE OR DJJ3213 MATERIAL SCIENCE OR DJJ30113 MATERIAL SCIENCE AND ENGINEERING KOLEJ KEMAHIRAN TINGGI MARA(AM)(KKTM001) DPP10013 MATERIAL SCIENCE AND ENGINEERING UNIVERSITI KOLEJ YAYASAN PAHANG DDWJ2603 MATERIALS SCIENCES UNIVERSITI TEKNOLOGI MARA (UiTM) MEC281 MATERIAL SCIENCE
8	BTO2163	ENGINEERING DYNAMICS	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM2523 DYNAMICS UNIVERSITI KOLEJ YAYASAN PAHANG DDWJ2203 DYNAMICS UNIVERSITI TEKNOLOGI MARA (UiTM) MEC221 DYNAMICS

9	BTO2183	HEAT TRANSFER	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DKK1493 TRANSPORT PROCESS POLITEKNIK DGP3113 HEAT TRANSFER OR DGM40083 HEAT TRANSFER OR DGP30122 HEAT TRANSFER AND DGP30161 PROCESS ENGINEERING LAB 1 AND DGP40171 PROCESS ENGINEERING LAB 2 AND DGP50231 PROCESS ENGINEERING LAB 3
10	BTO2343	PROCESS INSTRUMENTATION AND CONTROL	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DKK2443 PROCESS INSTRUMENTATION & CONTROL OR DRK2393 PROCESS INSTRUMENTATION & CONTROL POLITEKNIK DGP30103 PROCESS INSTRUMENTATION & CONTROL OR DGC50093 PROCESS INSTRUMENTATION & CONTROL OR DGC50013 PROCESS INSTRUMENTATION & CONTROL KOLEJ KEMAHIRAN TINGGI MARA(AM)(KKTM001) DPN40223 PROCESS INSTRUMENTATION & MEASUREMENT AND DPN51273 PLANT OPERATION AND CONTROL UNIVERSITI TEKNOLOGI MARA (UiTM) MEC322 CONTROL SYSTEM AND INSTRUMENTATION
11	BTO1173	WORKSHOP TECHNOLOGY	KOLEJ KEMAHIRAN TINGGI MARA (AM)(KKTM001) DPV10253 WORKSHOP TECHNOLOGY OR DPV10383 WORKSHOP TECHNOLOGY POLITEKNIK DGM10012 WORKSHOP TECHNOLOGY (2) AND DGM20042 MECHANICAL WORKSHOP PRACTICE I AND DGM30062 MECHANICAL WORKSHOP PRACTICE II OR DPB1301 0012 WORKSHOP TECHNOLOGY AND DPB3316 CNC GRINDING AND DPC3313 CNC MILLING OR DJJ10033 WORKSHOP TECHNOLOGY OR DJJ1043 WORKSHOP TECHNOLOGY
12	BTO1573	COMPUTER PROGRAMMING FOR TECHNOLOGIES	UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DMM1313 COMPUTER PROGRAMMING OR DCI1103 COMPUTER PROGRAMMING
13	BTO2312	COMPUTER AIDED DESIGN	POLITEKNIK DJJ30122 COMPUTER AIDED DESIGN OR DGP30152 COMPUTER AIDED DESIGN OR DGM10022 ENGINEERING DRAWING UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH DRM1113 COMPUTER AIDED DESIGN

14	BTO2113	STATIC AND ROTATING EQUIPMENT	POLITEKNIK DGM50133 STATIC AND ROTATING EQUIPMENT
15	BTO3063	GEOSCIENCES & PETROLEUM EXPLORATION	UNIVERSITI MALAYSIA SABAH KR21103 PETROLEUM GEOLOGY

- Pemindahan Kredit Secara Menegak (Vertikal) merujuk kepada pemindahan kredit daripada satu program ke program lain pada tahap yang lebih tinggi, dan tertakluk kepada perubahan silibus kursus dan kelulusan di peringkat fakulti
- Gred Minimum Pemindahan Kredit kursus (VCT) bagi kursus Fakulti adalah Gred C

Kemaskini: 20 September 2026