

GUIDANCE SHEET FOR ENROLMENT

Beng / Eng Mechanical Engineering

Full-Time Structure – Year 1 (September 2022/23)

BEng / MEng Mechanical Engineering Programme Code: B511-MEG / B531-MEG Mode: Full-Time		
Course Code	Course Title	Semester
B58DB	Design and Manufacture 2	1
B58FB	Fluid Mechanics A	
B58SB	Mechanics of Materials A	
F18XC	Mathematics for Engineers and Scientists 3	
MPU Courses		
MPU 3422/ K20AI	Self-Empowerment and Social Responsibility I <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>	2
MPU 3212/ K20AE	National Language A <i>(for Malaysian students only, applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)</i>	
B38EI	Electrical Power and Machines	
B58MB	Dynamics	
B58TB	Thermodynamics A	
F18XD	Mathematics for Engineers and Scientists 4	2
MPU Courses		
MPU 3422/ K20CI	Self-Empowerment and Social Responsibility II <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>	
MPU 3182 / K20AK	Appreciation of Ethics and Civilisations <i>(for Malaysian students)</i>	
MPU 3143 / K20AB	Malay Language Communication 2 <i>(for International students)</i>	

GUIDANCE SHEET FOR ENROLMENT

BEng / MEng Electrical and Electronic Engineering

Full-Time Structure – Year 1 (September 2022/23)

Beng / MEng Electrical and Electronic Engineering		
Programme Code: B311-EEE / B351-EEE		
Mode: Full-Time		
Course Code	Course Title	Semester
B38DB	Digital Design and Programming	1
B38EB	Circuits and Analysis	
B49CB	Business Awareness, Safety and Sustainability	
F18XC	Mathematics for Engineers and Scientists 3	
MPU Courses		
MPU 3422/ K20AI	Self-Empowerment and Social Responsibility I <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>	
MPU 3212/ K20AE	National Language A <i>(for Malaysian students only, applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)</i>	
B38DF	Computer Architecture and Embedded Systems	2
B38EI	Electrical Power and Machines	
B38EM	Intro Electricity & Magnetism	
F18XD	Mathematics for Engineers and Scientists 4	
MPU Courses		
MPU 3422/ K20CI	Self-Empowerment and Social Responsibility II <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>	
MPU 3182 / K20AK	Appreciation of Ethics and Civilisations <i>(for Malaysian students)</i>	
MPU 3143 / K20AB	Malay Language Communication 2 <i>(for International students)</i>	

GUIDANCE SHEET FOR ENROLMENT

BEng / MEng Chemical Engineering

Full-Time Structure – Year 1 (September 2022/23)

Beng / MEng Chemical Engineering			
Programme Code: B411-CEN / B41M-CHE			
Mode: Full-Time			
Course Code	Course Title	Semester	
B18AP	Chemical Thermodynamics & Introductory Chemical Kinetics	1	
B48BB	Fluid Mechanics		
B48BF	Industrial Chemical Processes		
F18XC	Mathematics for Engineers and Scientists 3		
MPU Courses			
MPU 3422/ K20AI	Self-Empowerment and Social Responsibility I <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>		
MPU 3212/ K20AE	National Language A <i>(for Malaysian students only, applicable to students who did not sit for SPM or did not obtain a Credit in SPM Bahasa Melayu)</i>		
B48BC	Thermodynamics		2
B48BD	Heat Transfer		
B48BE	Process Design A		
B48BG	Mathematical Modelling for Chemical Engineers		
MPU Courses			
MPU 3422/ K20CI	Self-Empowerment and Social Responsibility II <i>(the completion of this subject is one year - SEM 1 & SEM 2)</i>		
MPU 3182 / K20AK	Appreciation of Ethics and Civilisations <i>(for Malaysian students)</i>		
MPU 3143 / K20AB	Malay Language Communication 2 <i>(for International students)</i>		