

LIST OF SUBJECTS OFFERED FOR 2017/2018
MECHANICAL ENGINEERING PROGRAM

Semester 2

<u>Year</u>	<u>Code</u>	<u>Subject</u>	<u>CH</u>
<u>1</u>	<u>GIG1004</u>	<u>Information Literacy</u>	<u>2</u>
	<u>KIX1002</u>	<u>Engineering Mathematics 2</u>	<u>3</u>
	<u>KIX1003</u>	<u>Thinking and Communications kills</u>	<u>2</u>
	<u>KIG1004</u>	<u>Basic Materials</u>	<u>3</u>
	<u>KIG1005</u>	<u>Engineering Thermodynamics</u>	<u>3</u>
	<u>KIG1006</u>	<u>Engineering Design and Modelling</u>	<u>3</u>
	<u>KIG1007</u>	<u>Mechanics of Materials I</u>	<u>3</u>
	<u>KIG 1008</u>	<u>Laboratory 2</u>	<u>1</u>
<u>2</u>	<u>GLT1XXX</u>	<u>English Communication Programme</u>	<u>3</u>
	<u>GIG1003</u>	<u>Basic Entrepreneurship Culture</u>	<u>2</u>
	<u>KIX2001</u>	<u>Integrated Design I</u>	<u>2</u>
	<u>KIG2007</u>	<u>Computer Programming</u>	<u>3</u>
	<u>KIG2008</u>	<u>Manufacturing Technology</u>	<u>3</u>
	<u>KIG2009</u>	<u>Design of Machine Elements</u>	<u>3</u>
	<u>KIG2010</u>	<u>Heat Transfer</u>	<u>3</u>
<u>KIG2011</u>	<u>Laboratory IV</u>	<u>1</u>	
<u>3</u>	<u>KXEX2163</u>	<u>Thinking and Communication Skills</u>	<u>3</u>
	<u>GIG1003</u>	<u>Basic of Entrepreneurship Culture</u>	<u>2</u>
	<u>KXEX2165</u>	<u>Moral and Ethics in Engineering Profession</u>	<u>2</u>
	<u>KMEM3122</u>	<u>Control Engineering</u>	<u>3</u>
	<u>KMEM4110</u>	<u>Electronics and Microprocessors</u>	<u>3</u>
	<u>KMEM3173</u>	<u>Integrated Design Project</u>	<u>3</u>
<u>4</u>	<u>GXEX1411</u>	<u>Ethnics Relations *</u>	<u>2</u>
	<u>GXEX1413</u>	<u>Introduction to Malaysia **</u>	<u>2</u>
	<u>KMEM4282</u>	<u>Final Year Research Project I</u>	<u>4</u>
	<u>KMEM4124</u>	<u>Production and Operation Management</u>	<u>3</u>
	<u>KMEM43xx</u>	<u>Department Elective Course 2</u>	<u>3</u>
	<u>KMEM43xx</u>	<u>Department Elective Course 3</u>	<u>3</u>

Bachelor of Mechanical Engineering

Semester: 2, 2017/2018

Year	Course		Credit	Class Schedule					Lecturer	Examination Schedule	
	Code	Course		Day	Time	No. of Students	No. of Group	Venue		Pre-requisite	Date
1	University Courses										
	GIG1004	Information Literacy	2								
	<i>Please refer to the University Course Timetable.</i>										
	Faculty Core Courses										
	KIX1002	Engineering Mathematics 2	3	(K) (K) (T)	WED THU FRI	8-10 10-11 11-12					
	KIX1003	Thinking And Communications Skills	2		TUE	11-13	250	5		P. Dr. Mohd Hamdi bin Abd Shukor / A.P. Dr. Siti Zawiah Md Dawal / AP. Dr. Bushroa Abdul Razak / 2 more	
	Programme Compulsory Courses										
	KIG1004	Basic Materials for Mechanical Engineering	3		MON WED	8-10 10-11	250	5	BK201(G1),BK201(G2),BK203(G3),BK204(G4),BK203(G5),DK1(G1),DK2(G2),DK3(G3),DK6(G4),BK101(G5)	Ir. Dr. Wong Yew Hoong / Dr. Suriani Ibrahim / 3 more	4/6/18 08.30-10.30
	KIG1005	Engineering Thermodynamics	3		MON THU	10-11 8-10	250	5	BK203(G1),BK202(G2),BK203(G3),BK204(G4),BK203(G5),BK102(G1),BK103(G2),BK104(G3),BK105(G4),BK201(G5)	Dr. Ong Hwai Chyuan / Dr. Sabariah Julaihi / Dr. Nurin Wahida Mohd Zulkifli / 2 more	6/6/18 11.30-13.30
	KIG1006	Engineering Design and Modelling	3		MON TUE THU	14-17 8-11 14-17	250	3	COMPUTER LABS	AP Dr. Poo Balan / Dr. Tan Chin Joo / Dr. Azuddin Mamat	8/8/18 15.00-17.00
	KIG1007	Mechanics of Materials 1	3		TUE FRI	14-15 8-10	250	5	DK7(G1), RC(G2), OC1(G3), GC1(G4), RC2(G5)	Dr. Chew Bee Teng / Dr. Khoo Shin Yee / AP. Ir. Dr. Tan Chou Yong / Prof. Ir. Dr. Ramesh Singh / Ir. Dr. Ong Zhi Chao	11/6/18 08.30-10.30
KIG1008	Mechanical Engineering Laboratory 11 and Communication	1		MON	11-13	250		LABS	Dr. Chew Bee Teng / Dr. Khoo Shin Yee	- -	
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Bachelor of Mechanical Engineering

Semester: 2, 207/2018

Year	Course		Credit	Class Schedule					Lecturer	Examination Schedule		
	Code	Course		Day	Time	No. of Students	No. of Group	Venue		Pre-requisite	Date	Time
2	University Courses											
	GLT1XXX	English Communication Programme	3									
	GIG1003	Basic Entrepreneurship Culture	2									
	Faculty Core Courses											
	KIX2001	Integrated Design 1	2	WED	8-10	150						
	Programme Compulsory Courses											
	KIG2007	Computer Programming	3	MON	10-13	150	3	BK102(G1),BK103(G2),BK201(G3)		Assoc. Prof. Dr. Irfan Anjum / Dr. Mohd Nashrul Mohd Zubir + 1 more	4/6/18	15.00-17.00
	KIG2008	Manufacturing Technology	3	TUE WED	8-10 10-11	150	3	BK101(G1),BK102(G2),BK103(G3)		Prof. Ir. Dr. Masiuki Haji Hassan / Dr. Farazila Binti Yusof / 1 more	6/6/18	08.30-10.30
	KIG2009	Design of Machine Elements	3	TUE THU	14-15 11-13	150	3	DK204(G1),DK205(G2),BK301(G3) DK2(G1),DK3(G2), DK4(G3)	KIG1007	Dr. Mohd Ridha Bin Muhamad / 2 more	8/6/18	08.30-10.30
	KIG2010	Heat Transfer	3	THU FRI	10-11 8-10	150	3	DK1(G1),BK105(G2), BK201(G3) BK203(G1),BK204(G2) BK205(G3)	KIG1005	Dr. Mohd Zamri Zainon / Dr. Mohd Azlin Ali / 1 more	11/6/18	11.30-13.30
	KIG2011	Mechanical Engineering Laboratory IV	1	TUE	11-13	150		LABS		Dr. Chew Bee Teng / Dr. Khoo Shin Yee	=	=
Total Credit			20									

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Bachelor of Engineering (Mechanical)
Semester: 2, 2017/2018

Year	Course		Credit	Class Schedule		No. of Students	No. of Group	Venue	Pre-requisite	Lecturer	Examination Schedule	
	Code	Course		Day	Time						Date	Time
3	University Courses											
	KXEX2163	Thinking and Communication Skills	3									
	GIG1003	Basic pf Entrepreneurship Culture	2									
	Faculty Core Courses											
	KXEX2165	Moral and Ethics in Engineering Profession	2		Thu	11-13	100			Prof. Ir. Dr. Yau Yat Huang		
	KXEX 2163	Thinking Skills and Communication	3		Tue	8-11	100	2		AP. Dr. Rahizar Ramli / Mr. Aznizar Ahmad Yazid / Mr. Norhafizan Ahmad	=	=
	Programme Compulsory Courses											
	KMEM3122	Control Engineering	3		Mon Thu	8-10 14-15	100	2		Dr. Ahmad Saifizul Abdullah / 1 more	7/6/18	11.30-13.30
	KMEM4110	Electronics and Microprocessors	3		Mon Fri	11-13 10-11	100	2		2 JKE Lecturers	5/6/18	08.30-10.30
	KMEM3173	Integrated Design Project	3		Wed	8-11	100			JKM	=	=
Total Credit		16										

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Bachelor of Engineering (Mechanical)
Semester: 2, 2017/2018

Year	Course		Credit	Class Schedule					Lecturer	Examination Schedule	
	Code	Course		Day	Time	No. of Students	No. of Group	Venue		Pre-requisite	Date
4	University Courses										
	GXEX1411	Ethnic Relations*	2								
	GXEX1413	Introduction to Malaysia**									
	Departmental Courses										
	KMEM4282	Final Year Research Project II	4	WED	8-13	65					
	KMEM4124	Production and operation Management	3	MON TUE	14-16 16-17	65	1		Assoc. Prof. Dr. Chong Wen Tong	4/6/18	11.30-13.30
	KMEM43XX	Department Elective Course 2	3	SEE BELOW	SEE BELOW	-	-				
	KMEM43XX	Department Elective Course 3	3	SEE BELOW	SEE BELOW	-	-				
	KMEM4319	Advanced Heat & Mass Transfer	3	TUE THU	14-16 16-17	30	1		Assoc. Prof. Dr. Kazi Md Salim Newaz	5/6/18	11.30-13.30
	KMEM4364	Internal Combustion Engine	3	TUE THU	14-16 16-17	30	1		Assoc. Prof. Dr. Md. Abul Kalam	7/6/18	08.30-10.30
	KMEM4346	Precision Engineering	3	MON THU	16-17 14-16	30	1		Assoc. Prof. Ir. Dr. Mohd Faizul Sabri	8/6/18	08.30-10.30
KMEM4347	Energy and Environment	3	MON THU	16-17 14-16	30	1		Dr. Mahendra Varman	-	-	
KMEM4381	Computational Fluid Dynamics	3	MON THU	16-17 14-16	30	1		Dr. Ahmad Badaruddin Badry	6/6/18	15.00-17.00	
Total Credit			15								

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Bachelor of Engineering (Mechanical)
Semester : 2, 2017/2018
(For repeaters)

Year	Course		Credit	Class Schedule		No. of Students	No. of Group	Venue	Pre-requisite	Lecturer	Examination Schedule	
	Code	Course		Day	Time						Date	Time
2	University Courses											
											-	-
		KMEM2117	Computer Programming	3	MON	10-13	10	1		Assoc. Prof. Dr. Irfan Anjum / Dr. Mohd Nashrul Mohd Zubir,	4/6/18	15.00-17.00
	Total Credit											

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