



**DIPLOMA IN MECHANICAL ENGINEERING (DAM)  
STUDY PLAN  
(Start Cohort 2022 onwards)  
COHORT 2022**

**Special Semester**

Sem	Course Code	Course Name	Credit
Special	UHB 10302	English for Academic Survival	2
	UQU 10403	Introduction to Nationhood and Development of Malaysia	3
	UQI 10402/ UQI 11502	Islamic Studies/Moral Studies	2
	<b>Total</b>		<b>7</b>

**Year 1**

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
1	UWB 1**02	Foreign Language	2	2	UHB 20302	Academic Communication	2
	UQ* 1**01	Co-Curriculum I	1		UQI 11402	Phylosophy and Current Issues	2
	DAM 13003	Algebra	3		DAM 13303	Engineering Mathematics	3
	DAM 13102	Chemistry	2		DAM 13803	Technical Drawing & CAD	3
	DAM 13202	Physics	2		DAM 13903	Dynamics	3
	DAM 13403	Statics	3		DAM 14203	Material Sciences	3
	DAM 13503	Basic Electrical and Electronic	3		DAM 14101	Engineering Laboratory II	1
	DAM 13601	Engineering Laboratory I	1		DAM 14201	Mechanical Engineering Workshop II	1
	DAM 13701	Mechanical Engineering Workshop I	1		UQ* 1xx01	Co-Curriculum II	1
<b>Total</b>				<b>Total</b>			
<b>18</b>				<b>19</b>			

**Year 2**

Sem	Course Code	Course Name	Credit	Sem	Course Code	Course Name	Credit
1	UHB 30502	English for Workplace	2	2	DAN 20103	Business and Entrepreneurship	3
	DAM 23003	Engineering Design	3		DAM 23603	Computer Programming	3
	DAM 23102	Occupational Safety and Health	2		DAM 23702	Industrial Engineering	2
	DAM 23202	Manufacturing Process	2		DAM 23803	Mechanics of Machine	3
	DAM 23303	Solid Mechanics	3		DAM 23903	Fluid Mechanics	3
	DAM 23403	Thermodynamics	3		DAM 24001	Engineering Laboratory IV	1
	DAM 23501	Engineering Laboratory III	1		DAM 24103	Engineering Project II	3
	DAM 24101	Engineering Project I	1				
<b>Total</b>				<b>Total</b>			
<b>17</b>				<b>18</b>			

**Year 3**

Sem	Course Code	Course Name	Credit	<b>TOTAL CREDIT</b>	
1	DAM 33012	Industrial Training (24 weeks)	12		
	<b>Total</b>				