



DIPLOMA IN MECHANICAL ENGINEERING (DAM)
STUDY PLAN
 (START COHORT 2023 ONWARDS)

Special Semester

Sem	Course Code	Course Name	L	T	L	SLT	Credit
Special	DAM 23102	Occupational Safety and Health	2	0	0	2	2
	UQU 10403	Introduction to Nationhood and Development of Malaysia	3	0	0	3	3
	UQI 10402/ UQI 10202	Islamic Studies/Moral Studies	2	0	0	2	2
	Total						7

Year 1

Sem	Course Code	Course Name	L	T	L	SLT	Credit
1	UHB 1**02	Foreign Language	1	2	0	3	2
	UQ* 1**01	Co-Curriculum I	0	0	2	2	1
	DAM 13003	Algebra	2	2	0	4	3
	DAM 13102	Chemistry	2	0	0	2	2
	DAM 13202	Physics	2	0	0	2	2
	DAM 13403	Statics	3	0	0	3	3
	DAM 13503	Basic Electrical and Electronic	3	0	0	3	3
	DAM 13601	Engineering Laboratory I	0	0	3	3	1
	DAM 13701	Mechanical Engineering Workshop I	0	0	3	3	1
Total						25	18

Sem	Course Code	Course Name	L	T	L	SLT	Credit
2	UQI 11402	Philosophy and Current Issues	2	0	0	2	2
	UQ* 1xx01	Co-Curriculum II	0	0	2	2	1
	DAM 13303	Engineering Mathematics	2	2	0	4	3
	DAM 13803	Technical Drawing & CAD	2	0	2	4	3
	DAM 13903	Dynamics	3	0	0	3	3
	DAM 14203	Material Sciences	3	0	0	3	3
	DAM 14101	Engineering Laboratory II	0	0	3	3	1
	DAM 14201	Mechanical Engineering Workshop II	0	0	3	3	1
	Total						24

Year 2

Sem	Course Code	Course Name	L	T	L	SLT	Credit
1	UHB 13003	Introduction of English Communication	3	0	0	3	3
	DAM 23003	Engineering Design	2	0	2	4	3
	DAM 23603	Computer Programming	2	0	2	4	3
	DAM 23202	Manufacturing Process	2	0	0	2	2
	DAM 23303	Solid Mechanics	3	0	0	3	3
	DAM 23403	Thermodynamics	3	0	0	3	3
	DAM 23501	Engineering Laboratory III	0	0	3	3	1
	DAM 24101	Engineering Project I	0	0	0	3	1
Total						25	19

Sem	Course Code	Course Name	L	T	L	SLT	Credit
2	UHB 23003	English for Career Development	3	0	0	3	3
	DAN 20103	Business and Entrepreneurship	3	0	0	3	3
	DAM 23702	Industrial Engineering	2	0	0	2	2
	DAM 23803	Mechanics of Machine	3	0	0	3	3
	DAM 23903	Fluid Mechanics	3	0	0	3	3
	DAM 24001	Engineering Laboratory IV	0	0	3	3	1
	DAM 24103	Engineering Project II	0	0	0	9	3
Total						26	18

Year 3

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
1	DAM 33012	Industrial Training	24 weeks					12
	Total							12

TOTAL CREDIT							91
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