

**PROGRAM STRUCTURE FOR DIPLOMA IN MECHANICAL ENGINEERING
UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH**

Semester	Code	Course	Credit	Total Credit
Year 1				
0	UHC2022	Penghayatan Etika dan Peradaban	2	9
	UHC1012	Falsafah dan Isu Semasa	2	
	DUM1113	Basic Mathematics	3	
	UHC1032	KIAR	2	
1	DRM1113	Engineeering Drawing & CAD	3	20
	DRM1213	Engineering Materials	3	
	DRM1223	Statics	3	
	DRM1711	Mechanical Technology Lab I	1	
	DRM1613	Metrology	3	
	DUF1113	Physics	3	
	UHL2442	Essential English	2	
	UQA1002	Co-Curriculum	2	
2	DRM1523	Computer programming	3	17
	DRM1413	Manufacturing Technology	3	
	DRM1513	Electric & Electronics Tehnology	3	
	DRM1721	Mechanical Technology Lab II	1	
	DRM2622	Mechanical Measurement & Instrumentation	2	
	DRM1123	Calculus	3	
	UHL2412	English for Academic Communication	2	
Year 2				
1	DRM1223	Dynamics	3	17
	DRM2313	Fluid Mechanics	3	
	DRM2423	Hydraulics & Pneumatic Technology	3	
	DRM2122	Industrial Design	2	
	DRM2432	Occupational Safety & Health	2	
	UGE1002	Entrepreneurship	2	
	UHL2432	English for Professional Communication	2	
2	DRM2243	Solid Mechanics	3	19
	DRM2133	Mechanical Design	3	
	DRM2443	CNC Technology	3	
	DRM2323	Thermodynamics	3	
	DUM2413	Statistics & Probability	3	
	DRM2814	Final Year Project	4	
Year 3				
Final Semester	DRM2910	Industrial Training	10	10
Total Credit				92