

MATRIKS KURSUS LAWAN HASIL PEMBELAJARAN PROGRAM

- i. Perlu ada 8 elemen mengikut MQF + 1 elemen kemahiran kepimpinan.
- ii. Tandakan (/) dan pilih sekurang-kurangnya 3 elemen terpenting mengikut keperluan kursus.
- iii. Jumlahkan keseluruhan elemen-elemen tersebut (jumlah minimum setiap elemen sekurang-kurangnya 2 dari kursus teras)
- iv. Jumlah keseluruhan elemen perlu merangkumi kursus universiti + kursus teras + kursus elektif

BIL	KURSUS		Hasil Pembelajaran Program											
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
1	SEMM 1013	Programing for Engineers	√		√		√							
2	SEMM 1113	Mechanics of Solids I	√											
3	SEMM 1203	Statics	√											
4	SEMM 1213	Dynamics	√											
5	SEMM 1503	Engineering Drawing	√				√							

6	SEMM 1911	Experimental Methods		√							√				
7	SEMM 1513	Introduction to Design		√	√	√					√	√			
8	SEMM 1921	Introduction to Mechanical Engineering		√					√		√				
9	SKEU 1002	Electrical Technology		√		√	√								
10	SSCE 1693	Engineering Mathematics I		√											
11	ULAB 1122	Academic English Skills									√				
12	UICI 1012	Islamic and Asian Civilization									√	√			
13	UHAK 1012	Graduate Success Attributes				√						√	√	√	
14	UHAS 1172	Malaysian Dynamics								√			√		
				P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
1	SEMM 2123	Mechanics of Solids II	Y	√	√										
2	SEMM 2223	Mechanics of Machines & Vibration	e		√	√									
3	SEMM 2313	Mechanics of Fluids I	a	√											
4	SEMM 2323	Mechanics of Fluids II	r	√	√	√						√			
5	SEMM 2413	Thermodynamics	2	√											
6	SEMM 2423	Applied Thermodynamics & Heat Transfer		√		√									
7	SEMM 2613	Materials Science		√										√	
8	SEMM 2921	Laboratory I		√	√								√	√	
9	SSCE 2193	Engineering Statistics		√											
10	SSCE 1993	Engineering Mathematics II		√											
	SSCE 1793	Differential Equations			√										
11	ULAB 2122	Advanced Academic English Skills		√		√						√			
12	UICL 2302	Thinking of Science and Technology				√								√	
13	UKQX xxx2 (UKQA 2022)	Co-curriculum and Service Learning Elective (Media Digital dan Komuniti)							√		√		√	√	
				P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
1	SEMM 2713	Manufacturing Processes		√						√			√		
2	SEMM 3023	Applied Numerical Methods	Y	√	√										
3	SEMM 3033	Finite Element Methods	e	√	√	√		√				√			
4	SEMM 3233	Control Engineering	a	√	√			√							
5	SEMM 3622	Material Technology	r	√										√	
6	SEMM 3915	Industrial Training	3	√					√		√	√	√		
7	SEMM 3931	Laboratory II		√	√								√	√	

8	SEMM 3941	Laboratory III (Aeronautics)	Y e a r 4	√	√	√	√	√				√	√	√		
9	SKEU 2012	Electronics		√	√											
10	UHAK 1032	Introduction to Entrepreneurship														√
11	ULAB 3162	English for Professional Purposes									√					
12	SEMT 3132	Aircraft Structures I		√												
13	SEMT 3212	Flight Mechanics		√												
14	SEMT 3333	Aerodynamics		√	√		√						√			
15	SEMT 3423	Aircraft Propulsion System		√						√		√		√		
16	SEMT 3822	Aviation Economy		√												√
17	SEMT 3212	Flight Mechanics	√													
				P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	
1	SEMT 4253	Aircraft Instrumentation & Avionics	Y e a r 4	√	√		√	√				√	√	√		
2	SEMT 4143	Aircraft Structures II		√	√											
3	SEMT 4223	Flight Dynamics & Control		√				√								
4	SEMT 4513	Aircraft Design I		√	√	√	√	√	√				√			
5	SEMT 4523	Aircraft Design II		√	√	√	√		√	√						√
6	SEMT 4813	Aviation Management		√	√								√	√		√
7	SEMM 4902	Engineering Professional Practice								√		√	√	√	√	
8	SEMM 4912	Undergraduate Project I		√	√	√	√	√	√	√		√	√		√	√
9	SEMM 4924	Undergraduate Project II		√	√	√	√	√	√		√	√		√	√	√
10	UKQE 3001	Extra Curricular Experiential Learning				√				√	√		√	√	√	√
				P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	