

SCHOOL OF AEROSPACE ENGINEERING SEMESTER 1, ACADEMIC SESSION 2022/2023 1 ST YEAR						SCHOOL OF AEROSPACE ENGINEERING SEMESTER 1, ACADEMIC SESSION 2022/2023 2 ND YEAR						SCHOOL OF AEROSPACE ENGINEERING SEMESTER 1, ACADEMIC SESSION 2022/2023 3 RD YEAR						SCHOOL OF AEROSPACE ENGINEERING SEMESTER 1, ACADEMIC SESSION 2022/2023 4 TH YEAR					
TIME	MON	TUE	WED	THU	FRI	TIME	MON	TUE	WED	THU	FRI	TIME	MON	TUE	WED	THU	FRI	TIME	MON	TUE	WED	THU	FRI
8:00-9:00		EUM 113 (DK1)	EUM 113 (DK1)			8:00-9:00		HFF 225 (Online)				8:00-9:00						8:00-9:00					
9:00-10:00		EUM 113 (DK1)		EBB 113 (AEK4)[T]		9:00-10:00				ESA 225 (AEK2)	LSP 404 (AEK3)	9:00-10:00	ESA 380 (AEK1)	ESA 380 (AEK2)	ESA 313 (AEK2)	ESA 352 (AEK1)	LSP 404 (AEK3)	9:00-10:00		ESA 471 (AEK2)	ESA 471 (AEK1)		
10:00-11:00			EML101 (ME Drawing Room)	EBB 113 (DK3)		10:00-11:00	LSP 300 (AEK4)	ESA 203 (AEK4)	EML101 (ME Drawing Room)		LSP 300 (AEK4)	10:00-11:00		ESA 343 (AEK2)			ESA 366 (AEK1)	10:00-11:00			ESA 421 (AEK1)	ESA 481 (AEK4)	ESA 481 (AEK4)
11:00-12:00	EUM 113 T (AEK2)	EMT 101 (CATIA Lab Aero)		EMT 101 (CATIA Lab Aero)		11:00-12:00		EPP 201 (DK7)		ESA 203 (AEK2)	EPP 201 (DK7)	11:00-12:00	ESA 323 (AEK1)		ESA 321 (AEK2)	ESA 321 (AEK1)		11:00-12:00		EME 451 (MEK1)			ESA 401 (AEK4)
12:00-1:00						12:00-1:00	ESA 225 (AEK2)					12:00-1:00	ESA 313 (AEK1)	ESA 366 (AEK2)	ESA 352 (AEK2)			12:00-1:00		ESA 401 (AEK1)	EUP 222 (DK1)		
1:00-2:00						1:00-2:00						1:00-2:00						1:00-2:00					
2:00-3:00	EBB 113 (DK3)			EMD 111 (ME Drawing Room/ ME CAD Lab)		2:00-3:00	LSP 404 (AEK3)			ESA 222 (Lab)		2:00-3:00	LSP 404 (AEK3)					2:00-3:00		EME 451 (MEK1)			
3:00-4:00		LKM 400 (AEK3) (AEK4)				3:00-4:00		ESA 272 (AEK1)				3:00-4:00		ESA 323 (AEK2)				3:00-4:00					ESA 412 FYP Meeting
4:00-5:00	EMD 111 (DK6)					4:00-5:00						4:00-5:00						4:00-5:00					
5:00-7:00	Ko-K*			Ko-K*		5:00-7:00	Ko-K*			Ko-K*		5:00-7:00	Ko-K*			Ko-K*		5:00-7:00	Ko-K*			Ko-K*	

LIST OF COURSES: 1 ST YEAR			
EMT 101	Numerical Computing	T	2
EUM 113	Engineering Calculus	T	3
EMD 111	Engineering Drawing	T	2
EBB 113	Engineering Materials	T	3
EML 101	Engineering Practice	T	2
Core			12

LIST OF COURSES: 2 ND YEAR			
EPP 201	Manufacturing Technology 1	T	3
*ESA 225	Strength of Materials	T	3
ESA 203	Thermodynamics & Heat Transfer	T	3
ESA 272	Aircraft Sub-system Elements	T	2
ESA 222	Aerospace Lab 2	T	2
Core			13

LIST OF COURSES: 3 RD YEAR			
ESA 380	Orbital Mechanics	T	3
ESA 321	Aerospace Structure	T	3
ESA 366	Flight Performance	T	3
ESA 343	Aircraft Aerodynamics	T	2
*ESA 313	Mechatronics	T	3
Core			14

LIST OF COURSES: 4 TH YEAR			
EUP 222	Engineers In Society	T	3
ESA 394	Industrial Training	T	5
ESA 471	Aircraft Design 1	T	3
ESA 421	Aerospace Structural Design	T	2
ESA 412	Final Year Project (6 unit)	T	
Core			13

*ESA 225 = previously EMM 213

*ESA 313 = previously EMC 311

ESA 323	Aerocomposite Engineering	E	3	EME 451	Computational Fluid Dynamics CFD	E	3
ESA 352	Modern Control for Autopilot	E	3	ESA 481	Spacecraft Design	E	3
		Elective	6	ESA 401	Satellite Communication System	E	3
				Elective			9

(T): Tutorial
(Ko-K*): Co-Curricular with Credit

University requirements			
LKM 400	Malay Language	U	2

University requirements			
LSP 300	English	U	2
LSP 404	English	U	2
HFF 225	Philosophy & Current Issues	U	2

University requirements			
LSP 404	English	U	2

University requirements			
LSP 404	English	U	2