



دبلوم هندسي (محركات - هياكل)

B1- First Year Academic - السنة الأولى

1	Module	CAT CODE	Subject	Book Title	Theory Hours	Practical Hours	Total Hours	EASA/SQA Credits	
Semester 1	EASA Pt 66 Module 1	M01B1MA	Mathematics	B01 Mathematics	42		42	EASA	
	EASA Pt 66 Module 2	M02B1PH	Physics	B02 Physics	48		48	EASA	
	EASA Pt 66 Module 3	M03 B1EF	Electrical Fundamentals	B03 Basic Electrical	90	30	120	EASA	
	EXAMINATION - MODULE- 1, 2 , 3								
	EASA Pt 66 Module 4B1	M04B1AV	Electronic Fundamentals	B04 Basic Electronics	30		30	EASA	
	EASA Pt 66 Module 5B1	M05B1DT	Digital Techniques/Electronic Instrument Systems	B05 Basic Digital techniques	60		60	EASA	
	EASA Pt 66 Module 6	M6B1MH	Materials & Hardware	B06 Materials & Hardware B06 Electrical Cables	114		114	EASA	
	EXAMINATION - MODULE- 4B1 , 5B1, 6								
	EASA Pt 66 Module 8	M08B1AD	Basic Aerodynamics	B08 Basic Aerodynamics	42		42	EASA	
EASA Pt 66 Module 9	M09B1HF	Human Factors	B09 Human Factors	36		36	EASA		
END OF SEMESTER - 1									
							492		

2	Module	CAT CODE	Subject	Book Title	Theory Hours	Practical Hours	Total Hours	EASA/SQA Credits
Semester 2	EASA Pt 66 Module 7A	M07B1MM	Maintenance Practices	B07MP Maintenance Practices B07 Maintenance Practices (Practical)	60	90	150	EASA
	EASA Pt 66 Module 7A	M07B1ME	Maintenance Practices	B07EP Electrical/Avionics B07 Electrical Practices (Practical)	36	90	126	EASA
	EASA Pt 66 Module 7A	M07B1AH	Maintenance Practices	B07 Aircraft Handling	30		30	EASA
	EASA Pt 66 Module 7A	M07B1IA	Maintenance Practices	B07 Inspection/Abnormal Events	42		42	EASA
	EASA Pt 66 Module 7A	M07B1MT	Maintenance Practices	B07 Maintenance	30		30	EASA
	EASA Pt 66 Module 7A	M07B1AR	Maintenance Practices	B1-07MP Airframe Repairs (Practical)		90	90	EASA



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EXAMINATION - MODULE- 7							
EASA Pt 66 Module 10	M10B1AL	Aviation Legislation	B10 Air Legislation	54		54	EASA
EXAMINATION - MODULE- 10							
END OF SEMESTER - 2							
							522



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السنة الثانية - Second Year Academic

3	MODULE	CAT CODE	Subject	Book Title	Theory Hours	Practical Hours	Total Hours	EASA/SQA Credits
Semester 3	EASA Pt 66 Module 11A	M11B1ES	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-12-13 Electrical Systems B11-12-13P Electrical Systems (Practical)	60	30	90	EASA
	EASA Pt 66 Module 11A	M11B1BI	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-12 Basic Instruments	30		30	EASA
	EASA Pt 66 Module 11A	M11B1BA	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-12 Basic Avionics	60		60	EASA
	EASA Pt 66 Module 17A	M17B1PR	Propellers	B17 Propellers	42		42	EASA
	EASA Pt 66 Module 15	M15B1GT	Gas Turbine Engines	B15 Gas Turbine Engines B15P Gas Turbine Engines (Practical)	186	150	336	EASA
							558	

4	MODULE	CAT CODE	Subject	Book Title	Theory Hours	Practical Hours	Total Hours	EASA/SQA Credits
Semester 4	EASA Pt 66 Module 11A	M11B1BS	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-12-13 Basic Structures	18		18	EASA
	EASA Pt 66 Module 11A	M11B1AS	Turbine Aeroplane Aerodynamics, Structures And Systems	B11 Aeroplane Structures	30		30	EASA
	EASA Pt 66 Module 11A	M11B1A1	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-12-13 Aircraft Systems 1	126		126	EASA
	EASA Pt 66 Module 11A	M11B1A2	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-13 Aircraft Systems 2	24		24	EASA
	EASA Pt 66 Module 11A	M11B1A3	Turbine Aeroplane Aerodynamics, Structures And Systems	B11 Aircraft Systems 3	24		24	EASA
	EASA Pt 66 Module 11A	M11B1LG	Turbine Aeroplane Aerodynamics, Structures And Systems	B11-13 Landing Gear & Flight Controls	96		96	EASA
	EASA Pt 66 Module 11A	M11B1AP	Turbine Aeroplane Aerodynamics, Structures And Systems	B11AP Aeroplane Practical		210	210	EASA
							528	



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تدريب ميداني - On Job Training

5	EASA Part 66 On The Job Training/Experience	CAT Code	OJT Aircraft Maintenance Practical	Description	Hours
semester 5	Part 66 ANNEX III	OJT-STBRF1	None	Student briefing and introduction to maint. Org. laws	15
	Part 66 ANNEX III	OJT-STBRF2	None	Students practice filling forms	15
	Part 66 ANNEX III	OJT-MOBRF	None	Maint. Org, Briefing	5
	Part 66 ANNEX III	OJT-STPRA1	YES	Carrying out practical tasks and filling all forms	150
	Part 66 ANNEX III	OJT-AUDIT1	None	CAT staff audits all the forms checking correct filling of forms and attendance, will raise discrepancies to compliance manager to correct findings	40
	Part 66 ANNEX III	OJT-STPRA2	YES	Carrying out practical tasks and filling all forms	150
	Part 66 ANNEX III	OJT-SPVRO	YES	Company Supvr. oral testing	45
Total Hours					420