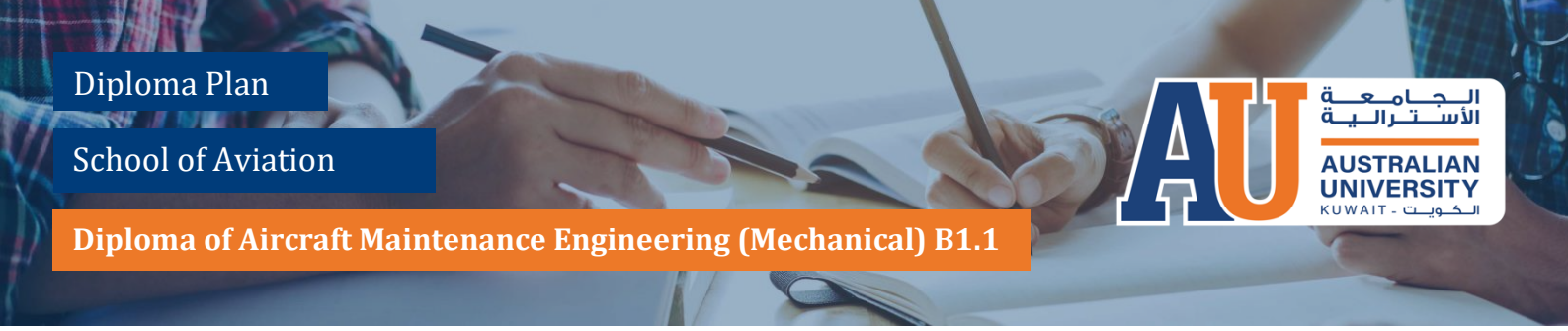

Diploma Plan

School of Aviation

Diploma of Aircraft Maintenance Engineering (Mechanical) B1.1

	Unit Code	Unit Title	Unit Hours	Credit Points
Semester 1	21SB1-1 (R)	Mathematics	72	3
	21SB1-2 (R)	Physics	72	3
	21SB1-3a (R)	Electrical Fundamentals 1	95	3
	21SB1-3b (R)	Electrical Fundamentals 2	103	3
	21SB1-4 (R)	Electronic Fundamentals	66	3
	21SB1-6c (R)	Aircraft Electrical Hardware	27	3
		Semester Total	435	18
Semester 2	B1-6a (R)	Aircraft Materials and Corrosion	49	49
	B1-6b (R)	Aircraft Hardware	57	57
	B1-6d (R)	Aircraft Materials Wood/Fabric	42	42
	B1-7a (R)	OH&S in Aviation	30	30
	B1-7b (R)	Maintenance Practices General	115	115
	B1-7d (R)	Maintenance Practices Structural	137	137
		Semester Total	430	430
Semester 3	B1-5a (R)	Digital Techniques 1	68	68
	B1-5b (R)	Digital Techniques 2	52	52
	B1-7c (R)	Maintenance Practices Avionics	60	60
	B1-7e (R)	Aircraft Handling: Maintenance Procedures and Inspections	48	48
	B1-15a (R)	Gas Turbine Theory	66	66
	B1-15b (R)	Gas Turbine Systems	84	84
	B1-15c (R)	Gas Turbine Maintenance	48	48
		Semester Total	426	426
Semester 4	B1-8 (R)	Basic Aerodynamics	36	36
	B1-11a (R)	Aeroplane Aerodynamics and Flight Control Systems	90	90
	B1-11b (R)	Aircraft Structures	70	70
	B1-11c (R)	Aircraft Systems (Airframe)	156	156
	B1-11d (R)	Aircraft Systems (Pneumatics)	81	81
		Semester Total	433	433
Semester 5	B1-9 (R)	Human Factors	36	36
	B1-10 (R)	Aviation Legislation	36	36
	B1-11e (R)	Aircraft Systems (Electrical)	141	141
	B1-11f (R)	Aircraft Systems (Instruments and Avionics)	114	114
	B1-17A (R)	Propeller Systems	63	63
		Semester Total	390	390
OJT		Part-145 Practical Training	300	0
		Program Total	2414	2114