

	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	B2-4b	Electronic Fundamentals	54	54
	B1-8 (R)	Basic Aerodynamics	36	36
	B2-13a	Aerodynamics, Structure and Flight Controls	104	104
	B2-13b	Airplane Mechanical Systems	142	142
	B2-13c	Airplane Electrical Systems	118	118
Semester Total			454	454
Semester 5	B2-5c	Digital Techniques / Electronic Instrument Systems	59	59
	B1-9 (R)	Human Factors	36	36
	B1-10 (R)	Aviation Legislation	36	36
	B2-13d	Instruments, Rotary Wing Aerodynamics, Autoflight and Equipment & Furnishings	146	146
	B2-13e	Communication, Navigation, OBMS, IMA, CS and IS	178	178
Semester Total			455	455
OJT	Part-145 Practical Training		300	0
Program Total			2500	2200