

COURSE STRUCTURE FOR APPLIED AVIATION STUDIES

Foundation Degree

Overall Award Structure (shaded modules are optional modules)

Level 4- Typical profile read top left to bottom right. Study Skills for Remote Learners will always be the first module.

MECH40634 Study Skills for Remote Learners	MATH40416 Quantitative Methods	MECH40734 Principles of Flight	
MECH40730 Flight Operations	Level 4 Option Module 1	Level 4 Option Module 2	Level 4 Option Module 3

Level 5

MECH50686 Aerodynamics	MECH50720 Unmanned Aerial Vehicles	Level 5 Option Module 1	Level 5 Option Module 2
Level 5 Option Module 3	MECH50545 Research Methods (must be completed before Research Dissertation)	MECH50546 Research Dissertation	

RAF WSOPs

MECH40634 Study Skills for Remote Learners (15 Credits)	MECH40328 RAF Generic Phase A (45 Credits)		
Level 4 Option Module	MECH40533 RAF Generic Phase B (45 Credits)		
MECH50366 RAF Specialist Phase (60 credits)			
MECH50545 Research Methods (15 Credits)	MECH50546 Research Dissertation (30 Credits)	Level 5 Option Module	

Level 4 Option Modules

Option Modules (Title and Code) (All 15 credit units unless otherwise stated)		Lab attendance Y/N
MECH40370	Fundamental Engineering Mechanics	Y
ELEC40192	Essential Electronics	Y
MECH40635	Design Principles	N
ELEC40234	Communications Principles	Y
MECH40731	Aircraft Propulsion Systems	N
MECH40735	Teaching Others 1 (30 credits)	N

Level 5 Option Modules

Option Modules (Title and Code) (All 15 credit units unless otherwise stated)		Lab attendance Y/N
MECH50496	Mechanical Systems	Y
ELEC50302	Communications	Y
MECH50547	Reflection & Career Planning	N
MECH50497	Applications of Control	Y
MECH50721	Teaching Others (2) (30 credits)	N
MECH50499	Quality Management and Control	N

BSc Top-Up

Level 6 Option Module 1	Level 6 Option Module 3	Level 6 Option Module 2
MECH60732 Final Project (60 Credit)		MECH60366 Systems Engineering

Level 6 Option Modules (can take level 5 options as long as at least 90 credits are at level 6)

Option Modules (Title and Code) (All 15 credit units unless otherwise stated)		Lab attendance Y/N
MECH60731	Advanced Flight	N
MECH60735	Teaching Others (3) (30 credits)	N
MECH60656	Design for Quality	N
MECH60543	Industrial Responsibility	N
MECH60730	The Design of Small Rocket Motors	N