

## WEEK 1

Time	Day 1	Day 2	Day 3	Day 4	Day 5
0750-0820	Spare	PEC Assignment Review	Performance Assignment Review	Aero Assignment Review	Pre-Flight Brief
0820-0910	Course Introduction	PEC	Aerodynamic Derivatives	Manoeuvre Performance	Flight 1&2 - 1.5 hr per sortie: 2 Sorties Different Aircraft Total Flying Time 3.0 hrs per Student
0910-1000	Intro to Flight Testing	Aircraft Structures		Roll Performance	
1000-1020	BREAK	BREAK	BREAK	BREAK	
1020-1110	Test Project Management	Flight Control Mech Characteristics	Equations of Motion	Flying Qualities / HQR	Flight 3&4 - 1.5 hr per sortie: 2 Sorties Different Aircraft Total Flying Time 3.0 hrs per Student
1110-1200	Gas Properties	Mach Number Effects	Aircraft Flt Control Systems	Asymmetric Flt Performance	
1200-1300	Lunch	Lunch	Lunch	Lunch	
1300-1350	Standard Atmosphere	Range/Endurance Perf Unpowered-TurboJet-Propellor (UTP)	Static Stability	Stalling & High Alpha/Spinning	Flight 5&6 - 1.5 hr per sortie: 2 Sorties Different Aircraft Total Flying Time 3.0 hrs
1350-1440	Compressible Aero			Data Card Preparation	
1440-1500	BREAK	BREAK	BREAK	BREAK	
1500-1550	Incompressible Aero	Climb Performance (UTP)	Dynamic Stability	Stability Flight Test Techniques	Sim Stab Demo 1
1550-1640	Pitot Statics	Performance & PEC Flt Test Techniques		Flight Brief: PEC / Performance / S&C	Sim Stab Demo 2
1640-1700	PEC Assignment	Acft PEC/Performance Assignment	Aerodynamic Derivative Assignment	Data Card Preparation & Team Assignment	Sim Stab Demo 3

<b>WEEK 2</b>					
<b>Time</b>	<b>Day 1</b>	<b>Day 2</b>	<b>Day 3</b>	<b>Day 4</b>	<b>Day 5</b>
0750-0820	Team Assignment Data Card Review	Flight 7&8 - 1.5 hr per sortie: 2 Sorties Different Aircraft - Total Flying Time 3.0 hrs	Team Presentation Preparation	Team Presentation Preparation	Spare
0820-0910	Safety Systems		Integrated Systems & Testing	Team 1 Presentation	Exam
0910-1000	Report Writing			Team 2 Presentation	
1000-1020	<b>BREAK</b>		<b>BREAK</b>	<b>BREAK</b>	<b>BREAK</b>
1020-1110	Aerolasticity & Structural Loads	Flight 9&10 - 1.5 hr per sortie: 2 Sorties Different Aircraft - Total Flying Time 3.0 hrs	Flt Test Instrumentation, Range Requirements, Data Reduction &	Team 3 Presentation	Exam
1110-1200	Test Planning		Lunch	Dynamic Measurement	
1200-1300	<b>Lunch</b>			<b>Lunch</b>	<b>Lunch</b>
1300-1350	Statistics & Statistical Analysis	Flight 11&12 - 1.5 hr per sortie: 2 Sorties Different Aircraft - Total Flying Time 3.0 hrs	Weapons Certification	EMC / EMI Testing	Exam Review
1350-1440			Navigation Systems	Operational Test & Evaluation	
1440-1500	<b>BREAK</b>		<b>BREAK</b>	<b>BREAK</b>	<b>BREAK</b>
1500-1550	Error Analysis & Budget	Sim Perf Demo 1	Military Specs & Perf Standards	Course Subject Review	Course Critique
1550-1640	SW Development & Testing	Sim Perf Demo 2	Civil Specs and Perf Standards	Course Subject Review	
1640-1700	Flight Brief - Team Assignment	Sim Perf Demo 3	Team Presentation Preparation	Study for Exam	Spare