

Module Title:	Aircraft General Knowledge
Language of Instruction:	English
Credits:	10
NFQ Level:	7
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	This module will be delivered by an EASA approved training organisation.
Module Aim:	To give students a general understanding of the aircraft's airframe, systems and instruments.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Describe the different types of airframe construction
LO2	Describe the operating principles of the aircraft's propulsion systems.
LO3	Describe the operating principles for on-board aircraft systems.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content				
Airframe n/a				
Hydraulics n/a				
Landing gear, wheels, tyres and brakes. n/a				
Flight Controls n/a				
Pneumatics: Pressurisation and Air Conditioning n/a				
Anti and De-Icing Systems n/a				
Fuel Systems n/a				
Electrics n/a				
Piston Engines n/a				
Turbine Engines n/a				
Protection and Detection Systems. n/a				
Oxygen Systems n/a				
Assessment Breakdown				%
End of Module Formal Examination				100.00%
No Continuous Assessment				
No Project				
No Practical				
End of Module Formal Examination				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	No Description	1,2,3	100.00	End-of-Semester

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_EEPLT_D	Bachelor of Science in Pilot Studies	6	Mandatory