PILO H1608: Aircraft General Knowledge

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	
On successful completion of this module the learner should be able to:	
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 *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*
No recommendations listed
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*
No incompatible modules listed
Co-requisite Modules
No Co-requisite modules listed
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*
No requirements listed

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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 Workload

Module Delivered In

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