

Module Title:	Human Performance and Limitations
Language of Instruction:	English
Credits:	5
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 introduce students to human factors, a very important part of flight crew training. Help them to understand areas such as; fitness and health, sensory illusions and decision making all of which are vital to safety in the air as are flying techniques.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Explain and understand the basic concepts of Human Factors
LO2	Understand the areas of fitness and health, sensory illusions, flying techniques and decision making all of which are vital to safety in the air.
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				
Human Factors Basic Concepts				
Basic Aviation Physiology and Health Maintenance Concepts; Effects of partial pressure; Vision; Hearing; Motion sickness; Flying and health;				
Basic Aviation Psychology The information process; The central decision channel; Stress; Judgement and decision making;				
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	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	4	Mandatory