

Module Title:	Radio Navigation
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 give students an understanding of the principles of radio navigation.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Understand the basic principles of radio wave propagation
LO2	Understand the principle of operation of aviation radio navigational aids.
LO3	Understand the principle of radar.
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				
Radio Propagation Theory. n/a				
Radio Aids n/a				
Radar n/a				
Area Navigation Systems and RNAV or FMS n/a				
Global Navigation 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