



APPROVED

Awards	
Ordinary Bachelor Degree	
Mode of Delivery:	Full Time, Part Time, Distance Education, Non ITCarlow
No. of Semesters :	6
NFQ Level:	7
Programme Credits:	180
Language of Instruction:	English
Department:	Aerospace, Mechanical & Electronic Engineering
Programme Extra Information:	ALL modules in years 2 and 3, with the exception of 'Dissertation - Pilot Studies' and 'EU Aviation Policy' will be delivered by an EASA Approved ATPL Training Provider.

Semester Schedules

Stage 1 / 60 ECTS / Semester 1

Elective Regulation

All modules will be assessed at IT Carlow

Mandatory	
Module Code	Module Title
DSGN C1608	Aircraft Anatomy and Design 1
AVIO C1602	Avionics Fundamentals 1
MGMT C1602	Management Fundamentals and Communications
MATH C1605	Engineering Mathematics 1
SCIE C1605	Aviation Science 1

Stage 1 / 60 ECTS / Semester 2

Elective Regulation
All modules will be assessed at IT Carlow

Mandatory	
Module Code	Module Title
DSGN C1609	Aircraft Anatomy and Design 2
MATH C1608	Engineering Mathematics 2
PRTC C1602	Cockpit Technology
SCIE C1606	Aviation Science 2
TECH C1606	Technical Aircraft Leasing and Management

Stage 2 / 60 ECTS / Semester 1

Elective Regulation
All modules delivered by an EASA approved ATPL training provider.

Mandatory	
Module Code	Module Title
PILO H2611	VFR Communications
COMM H2618	IFR Communications
PILO H2609	Air Law and ATC Procedures
PILO H3605	Operational Procedures
PILO H2623	Principles of Flight
PILO H2624	Performance

Stage 2 / 60 ECTS / Semester 2

Elective Regulation
All modules delivered by an EASA approved ATPL training provider.

Mandatory	
Module Code	Module Title
PILO H2662	Flight Planning
PILO H2616	General Navigation
PILO H2613	Mass and Balance
PILO H2612	Human Performance and Limitations
PILO H2610	Meteorology

Stage 3 / 60 ECTS / Semester 1

Elective Regulation

All modules except Dissertation: Pilot Studies and EU Aviation and Transport Policy delivered by an EASA approved ATPL training provider. Dissertation: Pilot Studies and EU Aviation and Transport Policy delivered by IT Carlow. Dissertation: Pilot Studies to be undertaken as a capstone project once all other modules have been completed. EU Aviation and Transport Policy may be delivered in Year 1.

Mandatory	
Module Code	Module Title
DISS H3601	Dissertation - Pilot Studies (Part 1 of 2)
PILO H3626	Multi Crew Cooperation
Group Elective 1	
Module Code	Module Title
PILO H3622	Commercial Pilot Licence (CPL)
PILO H3623	Multi Engine Piston Class Rating
PILO H3624	Multi Engine Instrument Rating
Group Elective 2	
Module Code	Module Title
LAWS	Multi-crew Pilot Licence (MPL)

Stage 3 / 60 ECTS / Semester 2

Elective Regulation

All modules except Dissertation: Pilot Studies and EU Aviation and Transport Policy delivered by an EASA approved ATPL training provider. Dissertation: Pilot Studies and EU Aviation and Transport Policy delivered by IT Carlow. Dissertation: Pilot Studies to be undertaken as a capstone project once all other modules have been completed. EU Aviation and Transport Policy may be delivered in Year 1.

Mandatory	
Module Code	Module Title
PILO H1608	Aircraft General Knowledge
PILO H2617	Radio Navigation
PILO H3634	Instrumentation
QUAL	EU Aviation Policy
DISS H3601	Dissertation - Pilot Studies (Part 2 of 2)