APPROVED

Awards
Ordinary Bachelor Degree

Mode of Delivery:	Full Time, Part Time, Distance Education, Non ITCarlow
NFQ Level:	7
Programme Credits:	180

No. of Semesters :	6

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)