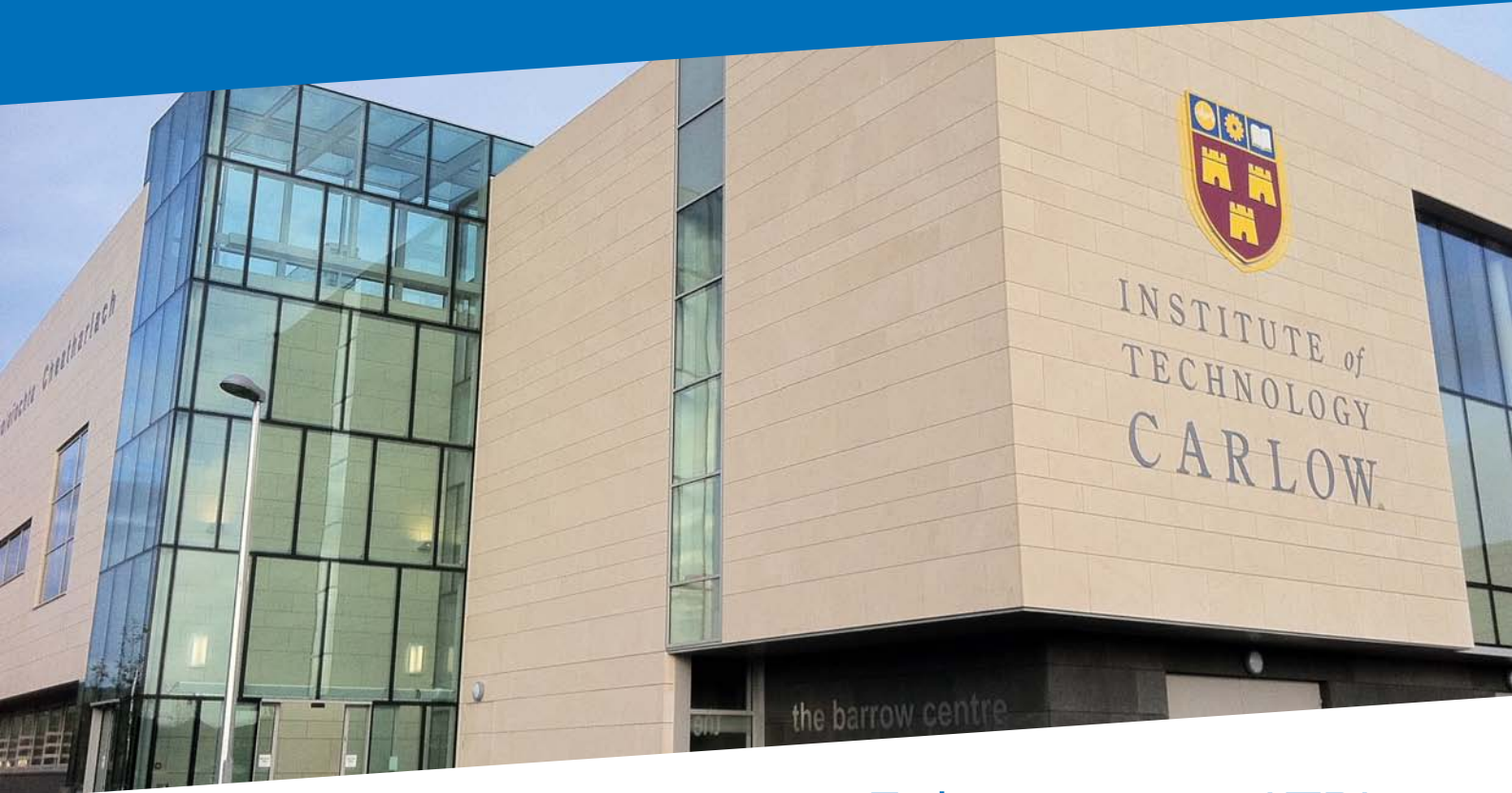


# FTEJerez

Flight Training Europe



## Enhance your ATPL

Professional degree in Pilot Studies

Institiúid Teicneolaíochta Cheatharlach



INSTITUTE of  
TECHNOLOGY  
CARLOW

At the heart of South Leinster

Certified by



ROYAL  
AERONAUTICAL  
SOCIETY



## FTEJerez and IT Carlow: partnering towards excellence

With over 30 years of experience in the aviation training arena, FTEJerez enjoys wide international recognition as one of the leading airline pilot training organisations in Europe.

From this prominent position within the industry, it has been made evident to us that cadets with relevant qualifications that enhance and complement the skills obtained through the EASA ATPL syllabus are highly valued by airlines.

IT Carlow has been proactive in the development of aerospace related programmes over the last two decades, attracting students from over 27 countries.

Amongst other accolades, IT Carlow was proclaimed 'Best Aviation Academic Education' at the 'Aviation Industry Awards 2015'.

In addition, the B.Sc. in Pilot Studies was ranked in the top 3 of Europe's best ATPL degree programmes by the independent 'Aviation School Ranking 2017' and has also been officially recognised by 'The Royal Aeronautical Society' as a certified degree which meets the demanding academic requirements of the RAeS.

The degree is the result of close work with the airline industry, developing a new programme that meets the industry's needs and expectations.

Both institutions are pleased to present a programme which, after successful completion of an academic year at IT Carlow, will not only add a formal recognition to your EASA ATPL but, unlike other degree programmes, will also deliver real academic value and further quality training that is truly appreciated by the industry's main employers.



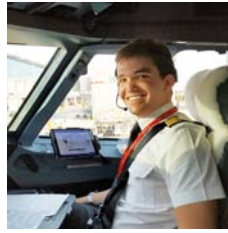
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“ My experience at IT Carlow helped me acquire, through an intensive and high quality course, both the technical and personal skills required to overcome the obstacles I faced along my entire training.”

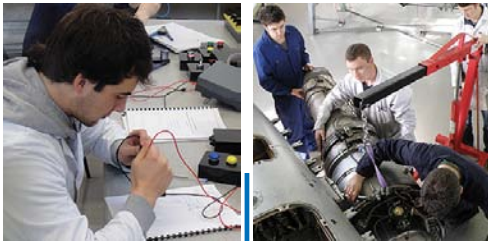
**Guillermo San Martín,**  
First Officer, Iberia



## Bachelor of Science in Pilot Studies

This programme has been developed to allow ATPL graduates the opportunity to acquire a European recognised degree. This degree is at ordinary Level 7 on the National Framework of Qualifications and compliant with the Bologna Framework.

Graduates of FTEJerez who hold a frozen ATPL and students who have passed FTE's assessments and are ready to join the Airline First Officer Programme, can be considered for this programme.



## B.Sc Full-time Modules

Students enrolling on the programme will be required to attend full-time study at IT Carlow from September to May.

The modules covered at IT Carlow will help the student understand the fundamental principles underpinning many of the systems on an aircraft.

This is especially true of the electrical and avionic systems which are becoming increasingly important on more electric aircraft (MEA) and more electric engines (MEE).

Furthermore, the students will learn some of the skills and techniques required to progress into managerial positions within an airline such as the role of the front line manager, project management, aircraft leasing and EU aviation and transport policy.



*“ The B.Sc. in Pilot Studies provided a great insight into all aspects surrounding being a pilot as well as helping me to prepare for the ATPL exams. The degree has also been a keystone in my CV and really helped me stand out from other applicants when applying for my choice airline.”*

**Thomas O'Rourke,**  
First Officer, Aer Lingus





## Title of Examination Subject

Mathematics	Students will learn how well-known mathematical principles such as trigonometry, differentiation and integration are applied in an aircraft flight planning environment.
Digital Electronics Electrical Fundamentals Electronic Fundamentals	The transition by manufacturers to More Electric Aircraft (MEA) and More Electric Engines (MEE) means that pilots with a greater knowledge of how these electric / electronic systems work are well prepared to manage and diagnose issues relating to these systems in the cockpit.
Role of the front line manager	This will introduce students to Management. It describes the nature of Management and analyses the business environment within which all organisations operate.
Technical Aircraft Leasing with Professional Engineering	With nearly one half of the world's commercial fleet leased, it is important for any pilot wishing to progress within an airline to be knowledgeable about the leasing process. Furthermore this module will provide the student with necessary skills and techniques required to manage a project.
Aircraft Structures Fundamentals	The student will acquire the skills to analyse the internal effects of forces (e.g. Lift, Weight, Dynamic Forces on landing) applied to the members in a structure, as evidenced by the stresses and deformations resulting.
Introduction to Aircraft Design	This module will provide students with the skills and techniques required to understand the basic concepts used in the conceptual design of aircraft using industry standard tools.

## Applying for the Degree

### Who should do this degree?

The B.Sc in Pilot Studies is an excellent addition to a pilot's CV as it provides modules specifically designed to equip the graduates for their future career in aviation and provide them with the skills required to work in various roles in the industry when combined with an ATPL.

### Entry requirements \*

Direct entry to this programme is currently exclusive to candidates accepted for FTEJerez's Airline First Officer Programme, FTEJerez graduates and pilots flying for FTEJerez's airline partners. Candidates over 23 years of age will be interviewed and assessed on an individual basis. Those under 23 years of age must meet the following criteria:

- Have successfully passed the FTEJerez Assessment.
- *Irish Leaving Certificate or equivalent.*  
(i.e. German Abitur, UK A-Levels, Spanish Bachillerato, French Baccalauréate, Italian Maturità).
- *Subjects required:* 5 subjects at Ordinary Level Grade D3 or better, including English at Ordinary Level Grade D3 or better and Mathematics at Ordinary Level Grade D3 or better.

### Course Fees

Total fees for the B.Sc. in Pilot Studies are **€ 9,900**.

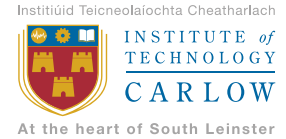
*A non-refundable deposit of € 1,900 upon reservation is required.  
The remaining € 8,000 must be settled before course commencement.*

### How to register

For more information, please contact our training advisors at [info@ftejerez.com](mailto:info@ftejerez.com).

*\* IT Carlow reserves the right to require applicants to attend for an interview to determine their suitability for the programme.*





## Carlow: At the Heart of South Leinster

The County of Carlow is located in the south east of Ireland, approximately 80km from Dublin. The modern name Carlow is derived from the old Irish place name Ceatharloch, meaning 'four lakes'. Visitors to the area can enjoy its many pre-historic sites, castles, churches and monastic buildings and routes.

Carlow town, where the campus is located, boasts an impressive historical pedigree and a celebrated arts and crafts community allied to a rich tradition of Irish language and culture. Carlow contains a large student population stemming from the local Institute of Technology and in addition, Carlow offers an extensive and impressive range of shops, boutiques, restaurants and bars.

The cost of student accommodation in Carlow is up to 50% cheaper than equivalent urban-based accommodation. The majority of students also avoid daily travel expenses - the College campus is within walking or cycling distance of local amenities.

Students enjoy an attractive campus setting on the banks of the river Barrow, within easy reach of some of Ireland's finest scenic routes and unspoilt countryside. The campus is a short walk from Carlow town, with its many sporting, leisure and entertainment facilities and with good road and rail links to most major cities and towns.

Visit [www.itcarlow.ie](http://www.itcarlow.ie) for more information regarding student life at IT Carlow.

FTEJerez is chosen by



# FTEJerez

Flight Training Europe

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