



# Professional Diploma in Airworthiness

## Programme Overview

The Professional Diploma in Airworthiness is an online postgraduate programme offered by the School of Engineering, home of the long-established Aeronautical Engineering Bachelor, Master's and PhD programmes.

This programme is attractive both to industry learners and higher education graduates, as it offers an in-depth study of key topics in airworthiness management and engineering.

The programme meets technical education needs which have been recognised by the aviation industry internationally.

It covers comprehensively:

- Initial Airworthiness; design and certification of aircraft and aeronautical products, aircraft metallic and composite materials, structures, systems and design human factors,
- Continuing Airworthiness; aircraft maintenance and sustainment, reliability engineering, airworthiness regulation and management, maintenance human factors and safety.

1 year part-time  
(Online)



## Programme Content

Spring	Autumn
ME5032 - Aircraft Systems Engineering	ME5112 - Airworthiness Management
ME5122 - Aircraft Materials and Structural Integrity	ME5091 - Reliability Engineering
ME5092 - Aviation Human Factors and Safety	

Springboard funded students can avail of the following optional modules:

Learning How to Learn  
Career Development  
Industry Case Study Project

The programme comprises of five modules spread over two semesters. The programme is delivered part-time in fully online mode, via the University's learning management system, meeting the needs of working professionals in Ireland and overseas.

Students gain invaluable advanced technical knowledge and insights via the modules taught by experienced University academics and PhD-qualified external instructors.

## Further Qualifications

This level 9 Professional Diploma counts as 30 credits toward a [Masters in Engineering Practice](#)

## Entry Requirements

A 2.2 honours primary degree and 3 to 5 years' experience in the aviation and related industries.

For applicants who cannot satisfy the minimum entry requirement the course board may, at its discretion, accept a level lower qualification with stronger evidence of prior learning and experience.

Applicants must meet UL's English language requirements.

## Funding

[Springboard funding](#) available for candidates who satisfy the eligibility criteria subject to the availability of places.

## How to Apply

Applicants are encouraged to apply online for this programme.

Visit: <https://www.ul.ie/gps/airworthiness-professional-diploma>

**Programme Contact**  
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## Testimonials

The Professional Diploma in Airworthiness, with important modules such as aircraft systems engineering, will give students a great understanding of the procedures and how they interact with each other along with the use of tools such as the FMEA (failure modes and analysis). This is an important module given the complexity of modern aircraft.

**CONOR MCCARTHY, Chairman & CEO Dublin Aerospace**

**#PostGradAtUL**