



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.

**1 year part-time
(Online)**

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.

Programme Content

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.

Semester 1 - Spring	Semester 2 - Autumn
<ul style="list-style-type: none">• Aircraft Systems Engineering• Aircraft Materials and Structural Integrity• Aviation Human Factors and Safety	<ul style="list-style-type: none">• Airworthiness Management• Reliability Engineering

Further Qualifications

This level 9 Professional Diploma counts as 30 credits toward a Masters in Engineering Practice. For more details visit the [Masters in Engineering Practice webpage](#).

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 the University's English language requirements.

Further Information

Candidates meeting Springboard+ criteria may qualify for funding subject to places. To learn more about the Professional Diploma in Airworthiness and how to apply: scan the QR code.

Contact Us

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