



# Aircraft Technical Services (Special Purpose Award, Level 7)

## Aims

This certificate programme in Aircraft Technical Services Level 7 is designed in partnership with the Shannon Aviation Cluster in response to demand to address a skills gap in this area and requirements for more personnel to satisfy a growing demand for technical services representatives within this sector. The course will provide an opportunity for students to upskill and transfer their knowledge into practical real-world skills. The aim of this programme is to give participants an opportunity to develop a detailed knowledge of the key aircraft technical services areas. These comprise of Aircraft Records during a lease transition process, Continued Airworthiness Management (CAMO) ensuring compliance with Aircraft Manufacturers Maintenance Programmes and governing EASA /FAA regulations, and of Part 21 Design, examining Airworthiness Legislation, its impact on both aircraft design and any minor or major modifications. The course will be delivered by current industry professionals, and a number of guest speakers will input during the course. This course is a collaboration between Atlantic Air Adventures and Limerick Institute of Technology. Atlantic Air Adventures has an Aviation Museum, Aviation Education Centre and Flight Simulation Centre located in Shannon, Co. Clare.

## Entry Requirements

Individuals with an aircraft maintenance qualification, aviation qualification at Level 6 or above or with relevant industry experience.

## Content

**Module 1: Part 21 Design** The aim of this module is give a fundamental knowledge of Initial airworthiness legislation and how it impacts aircraft design and design changes. It will introduce the student to the theory and practice of Initial Airworthiness , providing a detailed knowledge of the development process for major and minor aircraft modification and repairs **Module 2: Continued Airworthiness Management Organisation** The aim of this module is to provide an opportunity to students to develop a detailed knowledge of the range of responsibilities of a CAMO department and Maintenance Planning Group, which include the delivery of the aircraft maintenance work package to ensure the aircraft remains fully compliant with the Maintenance Program. On successful completion of this module, the student will be capable of completing a Lease Transition CAMO project which includes Induction, Management and Delivery. **Module 3: Aircraft Records** The aim of this module is to provide an opportunity for students to develop a detailed knowledge of the aircraft technical documentation required during the aircraft lease transition process. They will be able to devise a structure, plan and accomplish the Lease Transition checklist requirements, ensuring no documentation gaps within the aircraft's history. They will be able to evaluate, report and provide feedback during the process, working with the Lessor and Lessee to manage expectations and achieve a successful redelivery of all required documentation.

## Assessment/Examinations

The programme will be assessed through 100% continuous assessment.

## Qualification

Certificate in Aircraft Technical Services (Special Purpose Award, Level 7, 30 Credits).

## How to Apply

Applicants must apply for these programmes on the Springboard Website, using the following link:  
[Certificate in Aircraft Technical Services](http://www.springboardcourses.ie)



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**Award:** Certificate in Aircraft Technical Services (Special Purpose Award, Level 7)

**Department:** Mechanical & Automobile Engineering

**Campus:** Shannon

**Level:** 7

**Duration:** 1 Years

1 Academic Year

September - May

1 evening per week from 6pm to 10pm

Thursday evenings, commencing Thursday 19th September 2019

**Course Location:** Atlantic Air Adventure Aviation Centre, Shannon Town, Co Clare

**Application Deadline:** 19th August 2019

## Entry Requirements:

Qualifications and level performances equivalent to above NQAI Level 6 Qualification or Prior experiential learning and/or experience deemed to meet the criteria for an award at level 6 as set out on the NQAI framework.

Years

## **Course Fees:**

This programme is free of charge for participants who are unemployed or previously self-employed.

Participants who are in employment will be required to pay a fee of €300.

Please see [www.springboardcourses.ie](http://www.springboardcourses.ie) for eligibility criteria details.

## **Contact:**

For further information:

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For academic queries:

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