

# Postgraduate Certificate Aviation Law: Regulation, Actors and Control Systems





## Postgraduate Certificate Aviation Law: Regulation, Actors and Control Systems

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/engineering/postgraduate-certificate/aviation-law-regulation-actors-control-systems](http://www.techtute.com/us/engineering/postgraduate-certificate/aviation-law-regulation-actors-control-systems)

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# 01

# Introduction

International regulation of aeronautical and airport management in the general field of air transport is relatively recent, with changes tending in many countries towards privatization, but without the States losing all control over air transport for safety reasons. This is a sector in which many players are involved in a broad legal framework that stipulates prices, limits pollutant emissions or establishes concession rules for airport management. For this reason, TECH has created a complete 100% online program that will lead students, in just 6 weeks, to obtain an advanced and dynamic education in Aviation Law thanks to the high quality multimedia teaching resources offered by this academic institution.





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*A 6-week course with the most advanced topics in Aviation Law: Regulation, Actors and Control Systems”*

The impulse and development of air transport has led in recent decades to establish an international regulatory framework to regulate this activity, its management in areas such as economic or environmental, which has a direct impact on the operation of the sector. A legal framework that the engineering professionals must know in order to be able to implement and design projects that respect the current legislation or adapt each project to it.

A learning that will be much easier to acquire thanks to this Postgraduate Certificate in Aviation Law: Regulation, Actors and Control Systems created by TECH to provide students with a solid knowledge in this area from a comprehensive and dynamic agenda.

It is, therefore, an excellent opportunity to master the subject that articulates the liberalization of air transport services, airport management or the different rights and duties that affect all actors involved in this industry. A study plan that is completed with innovative pedagogical material based on video summaries, videos in detail, specialized readings and case studies.

In addition, the graduates will not have to dedicate long hours to study and memorization, since the *Relearning* method of this teaching will lead them to consolidate the most important concepts in a simple way throughout the 6 weeks of duration of this program.

A unique opportunity to obtain a quality university education, with a flexible and comfortable content. Students only need a digital device with an Internet connection (cell phone, tablet or computer) to be able to visualize the syllabus at any time. Thus, without classroom attendance, or classes with a restricted schedule, the future engineers will have greater freedom to self-manage their time to take this academic option.

This **Postgraduate Certificate in Aviation Law: Control Regulation, Actors and Systems** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ Development of case studies presented by experts in Aeronautical engineering
- ◆ Graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*Meet your professional growth goals in the aeronautical sector through a flexible and convenient university program"*

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*Delve into the current challenges of post-pandemic airport management with the best didactic material”*

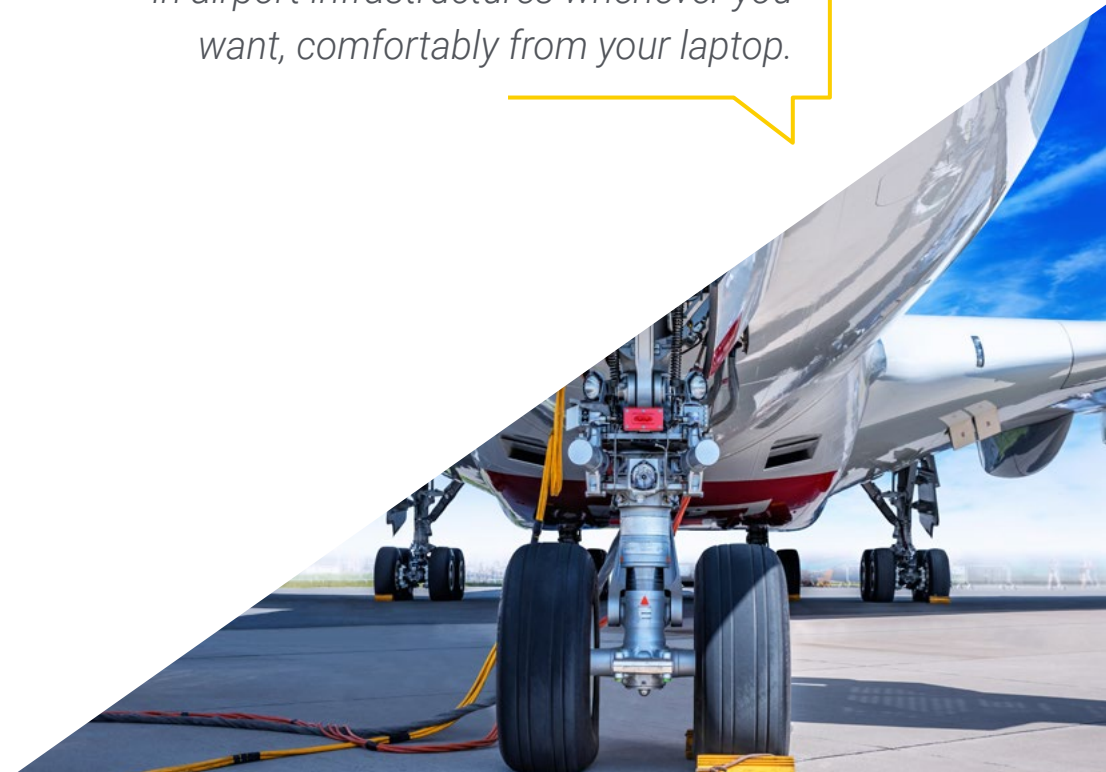
The program’s teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.

*TECH has designed a Postgraduate Certificate that adapts to your agenda and your professional aspirations within the aeronautical sector.*

*You can learn about the regulation of prices and tariffs or investment models in airport infrastructures whenever you want, comfortably from your laptop.*



# 02

# Objectives

Any engineering professionals who wishes to develop successfully in the aeronautical sector must have a solid knowledge of the regulations that govern it. In this way, they will be able to design, plan and develop projects in accordance with the legal rules in force or adapt their projects to comply with them. A learning that will be much easier to acquire thanks to the pedagogical tools provided by TECH and the theoretical-practical approach of this program.







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*The case studies will lead you to observe the legal rules in which air transport players operate”*



## General Objectives

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- ◆ Provide the professionals with the specific and necessary knowledge to perform, with a critical and informed opinion, in any phase of planning, design, manufacture, construction or operation in the various companies of the aviation sector
- ◆ Identify the problems in aeronautical designs and projects in order to know how to propose effective, viable and sustainable overall solutions
- ◆ Acquire the fundamental knowledge of existing technologies and innovations under development in transport systems, in order to be able to conduct research, development and innovation studies in aeronautical companies and technology centers
- ◆ Analyze the main conditioning factors involved in the aeronautical activity and how to efficiently apply the latest techniques used in the aviation sector today
- ◆ Acquire a specialized approach and be able to monitor the management of any aeronautical department, as well as to execute the general management and the technical management of designs and projects
- ◆ Delve into the knowledge of the different critical aeronautical areas according to their different relevant actors, as well as achieve the knowledge, understanding and ability to apply the applicable aeronautical or non-aeronautical legislation and regulations



*An academic proposal that will lead you to delve into the legal control mechanisms that States maintain over airlines"*





## Specific Objectives

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- ◆ Develop the normative impulse that the Chicago Convention meant and its impact on the international community, which has manifested itself over the course of time as one of the great and scarce normative successes in the creation of standards of International Law
- ◆ Examine the issues of preferential attention in the regulation of the European Union in view of its objectives as a union of States aiming at economic integration based on the opening and liberalization of the different markets of products and services in the container and in its global relations with third parties (Single European Sky)
- ◆ Identify the issues that remain in the hands of the States and their specific regulations with their various levels, with particular reference to security issues
- ◆ Describe the different operators in the world of aeronautical management with their rules and interests, often contradictory, and check the functioning of the markets in which these companies operate under the supervision of their institutions
- ◆ Evaluate the coexistence of general and sectoral standards, especially in the cases of competition law, users' rights, environmental constraints and safety standards
- ◆ Specify the a priori and a posteriori control mechanisms maintained by States or national bodies to check the efficiency of management, the optimization of investments and the absence of monopolistic or discriminatory attitudes
- ◆ Propose future challenges for the management of European airports in particular
- ◆ Examine in depth the possible development of existing European Directives, the deepening or not of liberalized management, the coexistence of interests between airlines and airport managers
- ◆ Investigate the financing and continuity of the substantial investments in infrastructures, the flexible regulation in crisis situations or the limit on pollutant emissions as an objective brake on aeronautical activities

03

# Course Management

TECH maintains a philosophy based on providing all students with quality education. For this reason, TECH carries out a thorough selection process of each and every one of the teachers that make up its programs. Thus, the graduates who attend this academic proposal will have the guarantee of accessing a program developed by experts in Law, Aeronautical and Airport Management. An extensive knowledge that will be reflected in the syllabus and on which you can make any inquiry, which will be resolved by the specialized teaching team of this instruction.





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*You are in front of a program elaborated by the consecrated specialists of the aeronautical and airport sector”*

## Management



### D. Torrejón Plaza, Pablo

- ♦ Engineering Technician at ENAIRE
- ♦ Head of the Regulatory Unit of the National Airports Autonomous Organization
- ♦ Head of the Analysis Section of the National Airports Autonomous Organization Cabinet of the General Director
- ♦ Head of the Operations Section, Head of the Airport Security Office and Service Executive at Tenerife Sur Airport
- ♦ Head of the Procedures and Organization Section in the Office of the General Director of Aena Airports
- ♦ Head of the Programming Department and in the Office of the President of Aena
- ♦ Head of the Institutional Coordination and Parliamentary Affairs Division
- ♦ Associate Professor and Collaborator in the Aeronautical Management Degree at the Universidad Autónoma de Madrid
- ♦ Head of the Regulatory Unit of the National Airports Autonomous Organization
- ♦ Head of the Analysis Section of the National Airports Autonomous Organization Cabinet of the General Director
- ♦ Head of the Operations Section, Head of the Airport Security Office and Service Executive at Tenerife Sur Airport
- ♦ Master's Degree in Airport Systems from the Polytechnic University of Madrid
- ♦ Master in Organizational Management in Knowledge Economy from the Universitat Oberta de Catalunya (Open University of Catalonia)
- ♦ Master's Degree in Executive MBA from the Instituto de Empresa in Madrid
- ♦ Aerospace Engineer from the University of León
- ♦ Aeronautical Technical Engineer by Universidad Politécnica de Madrid
- ♦ Aeronautical Manager from the Autonomous University of Madrid
- ♦ Honorary decoration "Alférez Policía Nacional del Perú Mariano Santos Mateos gran General de la Policía Nacional del Perú" for exceptional services in aeronautical consultancy and training



## Professors

### Dr. De Alfonso Bozzo, Alfonso

- ◆ Senior Consultant in aeronautical and airport matters at Cognolink, GLG
- ◆ Aeronautical and Airport Management, with responsibility in the areas of Human Resources Development, Commercial and Internal Audit at Aena
- ◆ Director of Barcelona Airport
- ◆ Professor in Master's Degree programs and Specialization Courses in airport management
- ◆ Doctor in Law from the Autonomous University of Barcelona (UAB)
- ◆ Law Degree from the University of Santiago de Compostela (UAB)
- ◆ Member of: Spanish Association of Aeronautic and Space Law

# 04

# Structure and Content

The syllabus of this university program includes throughout the 180 teaching hours, the most rigorous and comprehensive information on aviation law. An international regulation that moves between public and private, articulating the rights and duties of the actors involved in this sector. All this, in addition, complemented by first class didactic material that provides a greater dynamism to an advanced program, accessible 24 hours a day, 7 days a week.





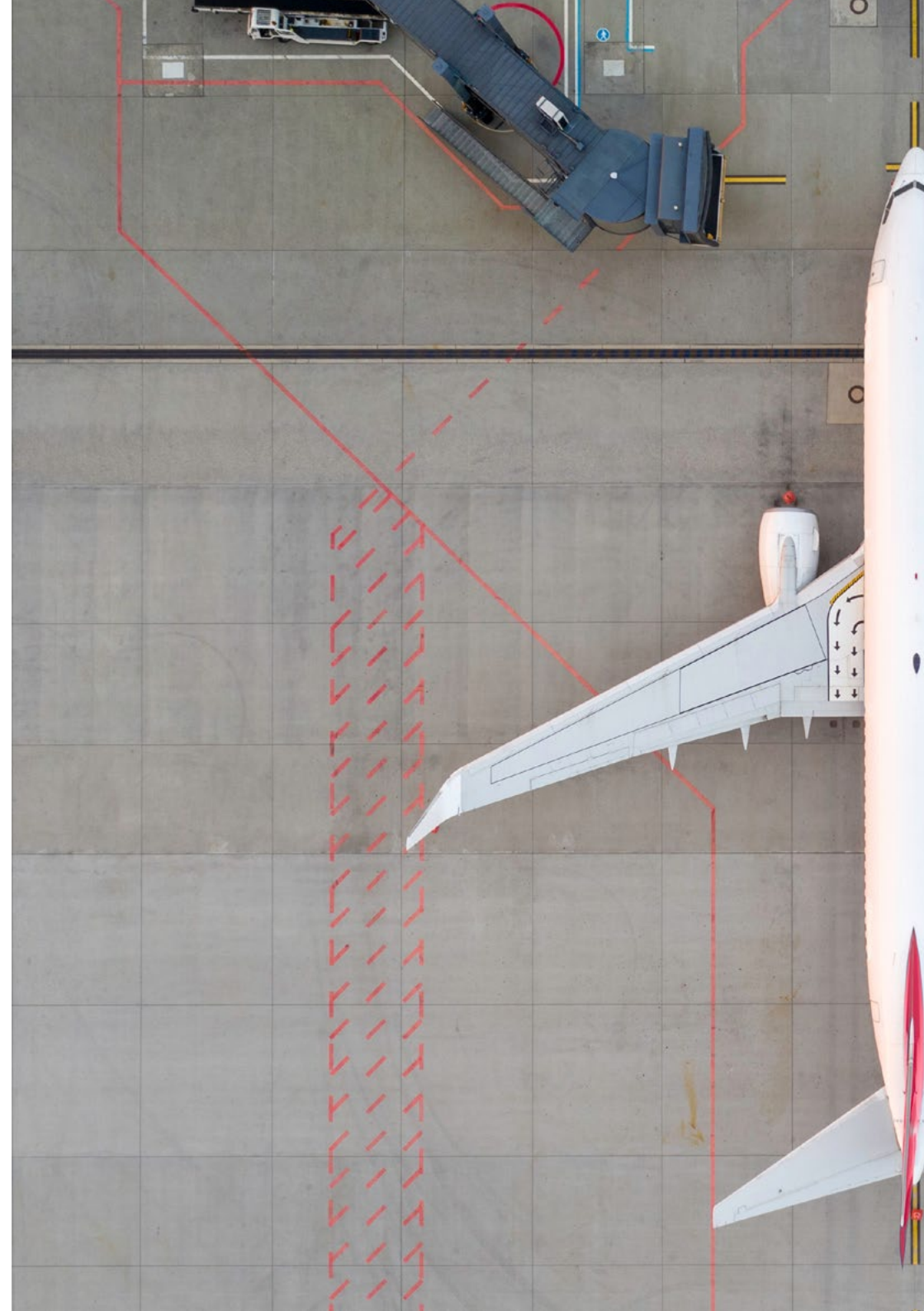


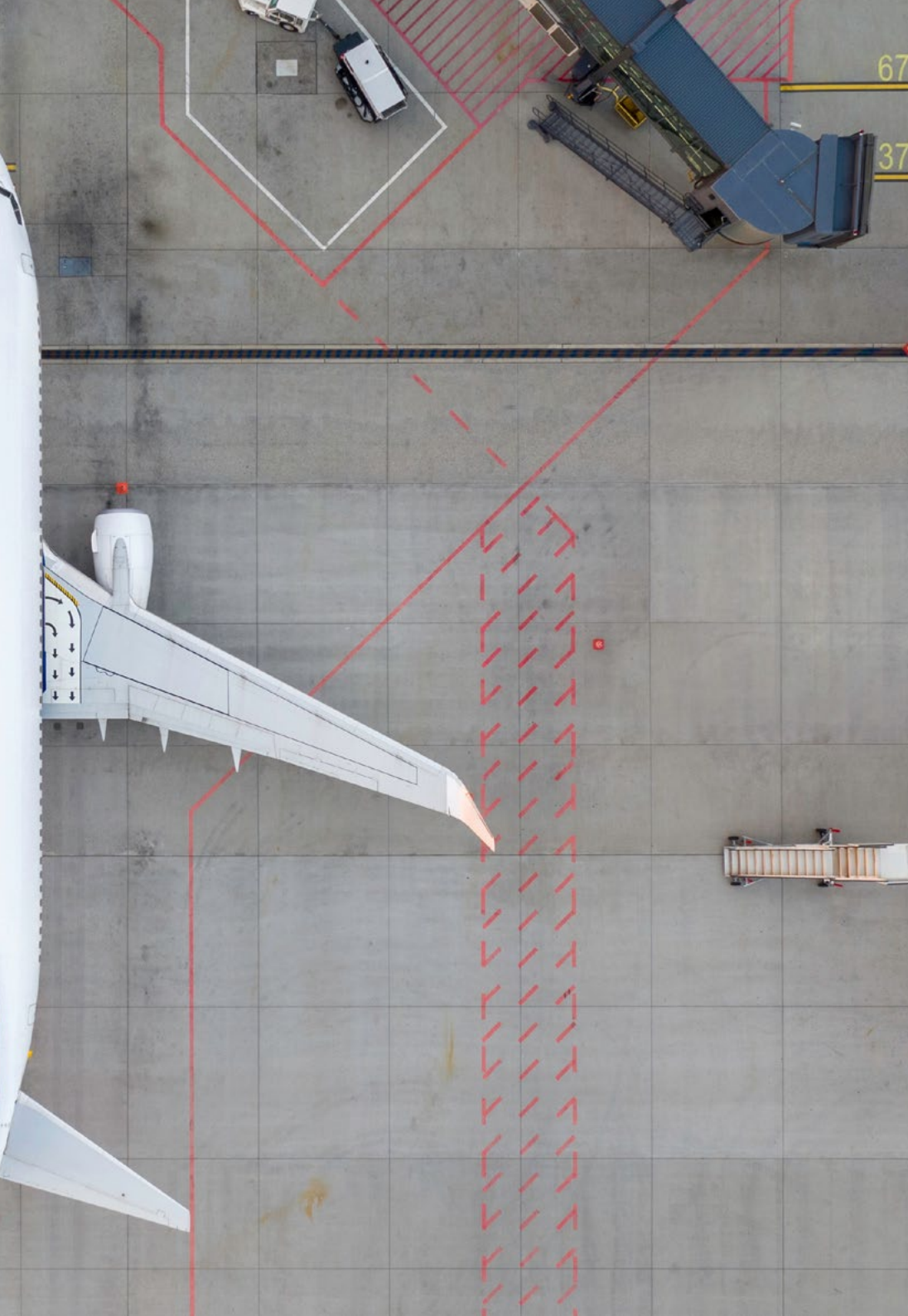
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*The Relearning method reduces the hours of study and provides greater agility to consolidate the key concepts covered in this program"*

## Module 1. Aviation Law: Regulation, Actors and Control Systems

- 1.1. International aviation regulation
  - 1.1.1. International regulation of Aviation Law Description and general characteristics
  - 1.1.2. ICAO as a Source of Air Law: Types of Source and Their Value: International conventions, technical instructions and recommendations
  - 1.1.3. Content of the ICAO regulatory framework: description of the international framework, airspace structure, service management, aeronautical personnel, environment and safety
- 1.2. European development of air law
  - 1.2.1. European aviation regulatory framework. Gestation process: liberalization of services, competition in the market and Single European Sky (1987)
  - 1.2.2. The main Directives and their content: access to markets and airlines, ground handling, airport slots and airport charges
  - 1.2.3. The current "European Aviation Strategy" (2017)
- 1.3. European regulation of the economic management of airports: Directive 2009/12/EC
  - 1.3.1. The European Pricing Directive: content, development and revision
  - 1.3.2. Positions of the actors of the system in the face of a possible reconsideration of the Directive
  - 1.3.3. Air traffic system charges
- 1.4. Rationale and issues of national regulations in aviation law
  - 1.4.1. Aeronautics as the basis of State Sovereignty
  - 1.4.2. Aeronautical development in the States
  - 1.4.3. Aviation safety control
- 1.5. Different players in the aeronautical services market. Management model
  - 1.5.1. The subjects of the air transport system: institutional actors and commercial companies Conditions for action: coexistence of regimes and forms of action
  - 1.5.2. General and sector regulations, impact of competition law and private regulations in a sector with a public component
  - 1.5.3. Characteristics of the European model of airport management. The management of airport networks. Other aeronautical services and their managers
- 1.6. The concession as a general framework for airport management
  - 1.6.1. Basis for the entry of non-institutional managers: Concession contract, management agreement or entrustment
  - 1.6.2. Detailed analysis of the airport concession: issues, forms and obligations of the parties
  - 1.6.3. Management through program-contracts: content and limits





- 1.7. Economic activities at airports: revenues and management indicators
  - 1.7.1. Economic activities at airports: Self-sufficiency of the system
  - 1.7.2. Aeronautical and commercial revenues. Economic regime
  - 1.7.3. Efficiency as a measure of management. Management Indicators
- 1.8. Control systems and areas of supervision
  - 1.8.1. Forms of control that go beyond the interventionist system. Control in operation and investment. Security controls. Economic control through program-contracts
  - 1.8.2. Control through independent agencies: the European system of ISAs. Its relationship with competition supervision mechanisms. A European example
  - 1.8.3. Alternatives to intervention: self-regulation through bilateral airport services contracts
- 1.9. Airlines and system resources
  - 1.9.1. The economic resources of the system and how they are managed. The role of the airlines as controllers
  - 1.9.2. IATA-ACI (2016) positions and discussions on airport competition
  - 1.9.3. Investment planning, development and financing processes
- 1.10. Current situation and challenges of airport economic management
  - 1.10.1. Reconsideration of the regulated economic system at European airports
  - 1.10.2. State of the art of the airport services market
  - 1.10.3. The current challenges of post-pandemic airport management



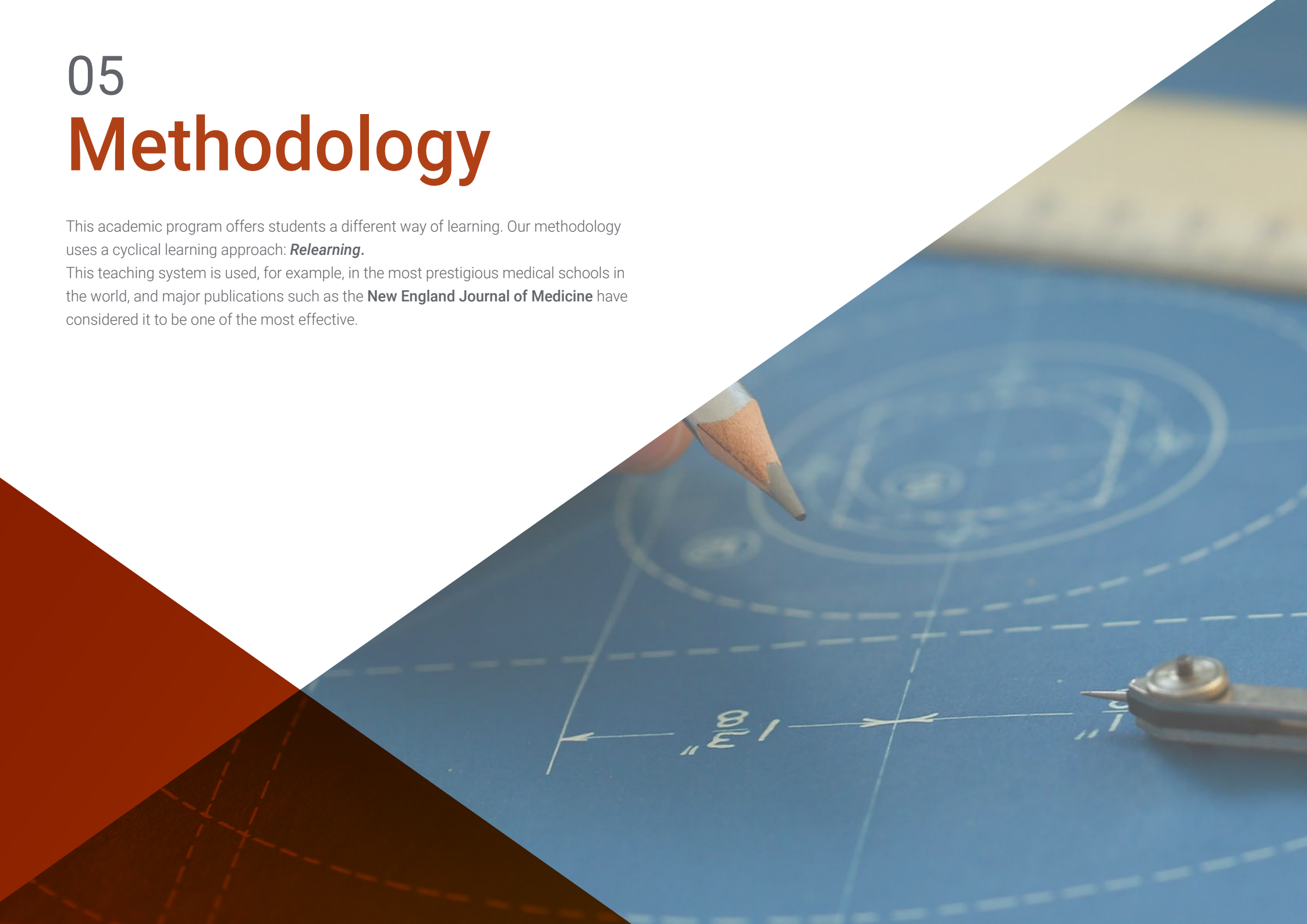
*A complete course that will allow you to delve in just 6 weeks into the regulatory design of the airspace of the States up to the requirements for aeronautical personnel"*

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



06

# Certificate

The Postgraduate Certificate in Aviation Law: Regulation, Actors and Control Systems guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This program will allow you to obtain your **Postgraduate Certificate in Aviation Law: Regulation, Actors and Control Systems** endorsed by TECH Global University, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Aviation Law: Regulation, Actors and Control Systems**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

**tech** global  
university

personalized service innovation

knowledge present Actors and Control Systems

online training

development lang

virtual classroom

## Postgraduate Certificate Aviation Law: Regulation, Actors and Control Systems

- » Modality: **online**
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- » Credits: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

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