Postgraduate Certificate
Systemic Airport Management

tech global university

Postgraduate Certificate

Systemic Airport Management

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

Website: **www.techtitute.com/us/engineering/postgraduate-certificate/systemic-airport-management**

Index

01

Introduction

The airport is a living and changing infrastructure, which is constantly adapting to changes in regulations and safety protocols, in action and in current events. Therefore, this has been demonstrated in recent years with the health crisis situation, for example. It is essential to have a professional and specialized managerial vision of airports in order to be able to apply it in this sector. This training, apart from going deeper into this aspect, moves away from the merely technical aspects, and makes an approach to airport management. With content taught mainly by professionals who have dedicated their careers to this field, you can comfortably update your knowledge of this sector with this online educational program.

Learn to apply professional knowledge to specialized airport infrastructure management with this Postgraduate Certificate"

This educational program covers the most practical and up-to-date aspects of specialized airport management, starting with a topic dedicated to the analysis of air transport and its interrelation with other means of transport. The plan continues to delve into the minimum contents that must be observed in an airport technical office, especially with regard to the necessary collections of plans.

It also incorporates the relationships and dependencies between infrastructures, which until now had been studied individually, addresses singularities of the management of human resources at airports and details the income at airports, with aeronautical and non-aeronautical airports being very different and subject to different lines of action.   In this sense, it also delves into the unavoidable vision of airport studies, in its performance as a public service.

It also develops the types of contracts most commonly used in airports, as well as the common features of the Project Manager function in airport activities. Finally, it is intended that the student has a global awareness of what airport management involves, so that he/she can develop critical and specialized skills and abilities, with a competitive advantage over other professionals in the sector.

The format of this Postgraduate Certificate, being entirely online, seeks to facilitate the students' pace of learning and understanding, in addition to choosing where and when to take it, since only an internet connection is required to access all its multimedia content. Many professionals are expanding their repertoire of skills and opt for this program to be more competent in their jobs.

This **Postgraduate Certificate in Systemic Airport Management** contains the most complete and up-to-date program on the market. The most important features include:

- The development of practical cases presented by experts in Systemic Management Airport
- The graphic, schematic, and practical contents with which they are created, provide practical information on the disciplines that are essential for professional practice
- Practical exercises where the self-assessment process can be carried out 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

Boost your career and your managerial skills with this Systemic Airport Management Postgraduate Certificate"

"Do you have an internet connection and a desire to specialize your knowledge in a manager specialized in Airports:? This is your Postgraduate Certificate"

With this program you can advance when you want and at your own pace: all the multimedia content is available on the virtual platform.

You decide where and when to do it, as it only requires an Internet connection to access all its multimedia content.
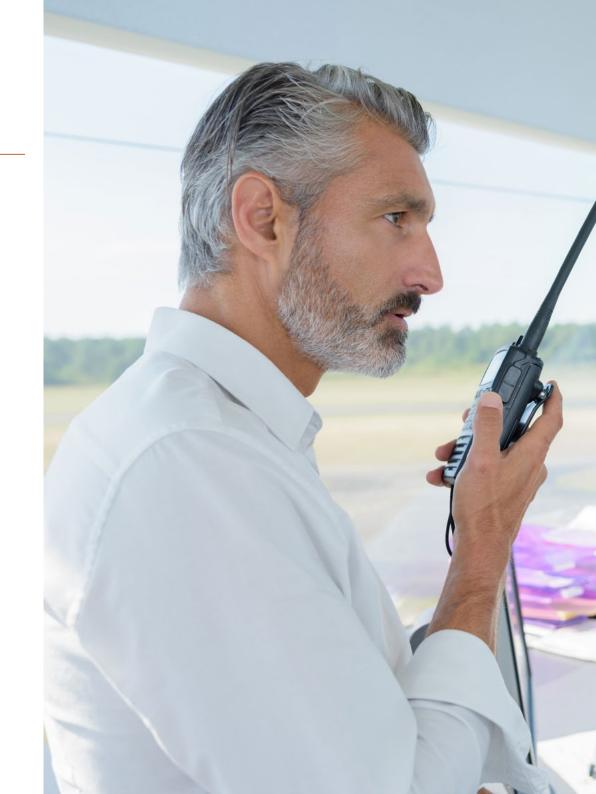
The program includes in its teaching staff professionals from the sector who bring to this program the experience of their work, as well as recognized specialists from leading societies and prestigious universities.

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

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

In order to develop a critical, analytical and specialized capacity in airport management, this Postgraduate Certificate has been designed for the professional aimed at airport management, as well as for those who wish to specialize in airport design, construction and operation. For all these reasons, it is a very characteristic program, which has connotations that go beyond teaching the technical aspects, and focuses on the development of the professional skills and abilities necessary to perform in the field.

Develop your management skills and abilities and focus on the design, construction or operation of airport infrastructures with this Postgraduate Certificate"

General Objectives

- Provide the professional with the specific and necessary knowledge to perform with a critical and formed opinion in any phase of planning, design, construction or operation of the airport
- Determine the problems of airport design and look for solutions adjusted to the airport's needs
- Master the main constraints involved in an airport project
- Acquire a specialized approach and be able to monitor the management of any airport department
- Apply the latest techniques used in the industry today
- Outline the new trends that airports plan to implement in the post-COVID era
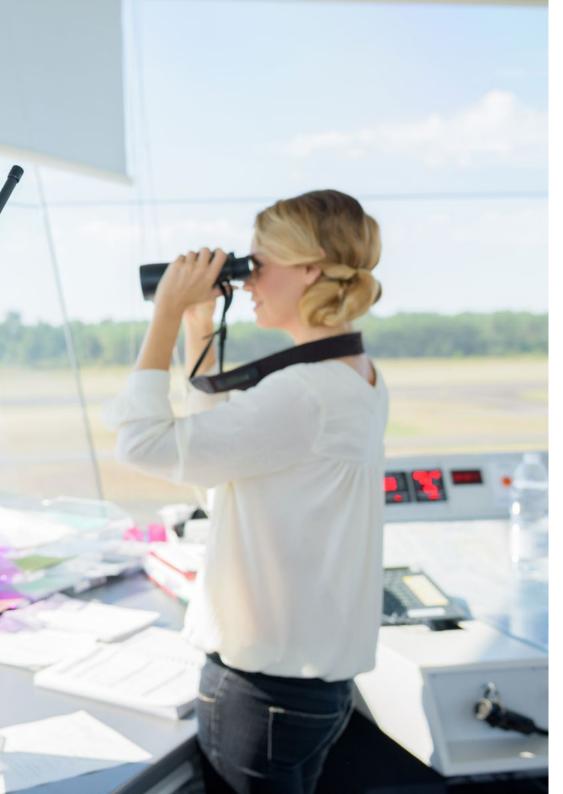- Deepen the knowledge of the different critical and common airside infrastructures and their design

Specific Objectives

♦ Identify the relationships of each stakeholder in the management of an airport

♦ Delve into the use of scorecards as a decision-making tool

♦ Master the global management of an airport

Well-defined objectives and a professional faculty with expertise in the field: take this course and gain a competitive advantage among professionals in the sector"

03

Course Management

Thanks to the qualified professionals in the different sectors described, you will be able to follow this Postgraduate Certificate. The teaching staff of this Postgraduate Certificate guarantees the success of the students, who receive an elite training that allows them, through practice, to put all their knowledge to good use. The students will be able to meet the demands and challenges that arise in their professional careers and will feel supported during the course.

"
With the support of our faculty, you will develop the experience and skills you need to be a true professional in your industry"

Management

D. Moreno Merino, Rafael

- High Speed Projects Technician. Risk Assessment Expert at INECO
- Airport Maintenance Project Manager at INECO
- Engineer at INECO
- Director of the Master's Degree in Project, Construction and Operation of Airport Infrastructures
- Head of Occupational Risk Prevention and Production at ACCIONA
- Master's Degree in Business Administration at Polytechnic University of Madrid
- Master's Degree in Business Administration from Polytechnic University of Madrid
- Degree in Civil Engineering from San Antonio Catholic University of Murcia

04
Structure and Content

This Postgraduate Certificate in Systemic Airport Management is designed to respond to market demands, within a very specific sector that requires experts in the field. For this reason, the content has been divided into ten subsections, where a wide perspective of the management of Aeronautical Airport Infrastructures". is offered and its main functionalities, tools and features are detailed.

With content divided into ten subsections, you will gain a broad perspective of specialized airport management"

Module 1. La Systemic Airport Management

1.1. Air Transportation
    1.1.1. Elements of air Transportation
    1.1.2. Air Transport Institutions
    1.1.3. Impact on Socioeconomic Development
    1.1.4. Relationship of Air Transportation with Other Transportation Systems
1.2. Airport Technical Office
    1.2.1. Air Side Plans
    1.2.2. Land Side Plans
    1.2.3. As Built and DFO
    1.2.4. Other functionalities
1.3. Infrastructure
    1.3.1. Interrelation Between Track and Shooting
    1.3.2. Interrelation between Track and Platform
    1.3.3. Interrelation between Track and Electrical Systems
    1.3.4. Runway Extensions
    1.3.5. Track Reductions
    1.3.6. Platform Modifications
1.4. HR at Airports
    1.4.1. Airport Buses
    1.4.2. Public Service
    1.4.3. Agreements
1.5. Financial Management
    1.5.1. Aeronautical Revenues
    1.5.2. Aeronautical Revenues
    1.5.3. Project Profitability
1.6. The Airport's Public Service
    1.6.1. Territorial Cohesion
    1.6.2. Non-Commercial Flights
    1.6.3. Utility Flights

This Postgraduate Certificate will allow you to specialize in a growing sector: the systemic management of airport infrastructures"

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.

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.

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.

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

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

30%

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.

10%

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.

8%

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.

20%

25%

4%

3%

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.

Certificate

The Postgraduate Certificate in Systemic Airport Management guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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

This private qualification will allow you to obtain an **Postgraduate Certificate in Systemic Airport Management** 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** private qualification, 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 Systemic Airport Management**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Systemic Airport Management

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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