

Postgraduate Certificate Airport Multi-Management



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- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/engineering/postgraduate-certificate/airport-multi-management

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01

Introduction

Airports share different management systems, as well as being governed by regulatory frameworks. The correct application of these regulations has a direct impact on the added value that is perceived in the final product, or in other words, in the services provided by an airport. This educational program delves into the main source of aeronautical regulations and the current airport regulation document, as well as other aspects of special relevance in this area. All this in a fully online mode, which makes available to the student all the teaching resources and multimedia material on the virtual platform.





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Become a real expert in Airport Multi-Management comfortably with this online program”

Airports are complex infrastructures made up of different areas. Their correct operation depends, to a great extent, on their good management. This Postgraduate Certificate dedicates two topics to examine the main source of aeronautical regulations, AESA, as well as the content of the current airport regulation document.

The study program covers the safety and security management systems, both of which are of restricted use. The content delves into the environmental management system and the airport quality system, among which the noise protection measures for the populations near the airport stand out.

Reference is also made to the airport's operational centers, CEOPS and CGA, the nerve centers of airport infrastructure operation, as well as network management or collaborative airports and their possible repercussions on human resources management. Finally, it deals with the economic management of an airport project and the change management process to be able to carry out any modification in the infrastructures or in the procedures implemented with EASA authorization.

This Postgraduate Certificate in Airport Multi-Management is characterized by being totally online. The multimedia materials and teaching resources will always be available to the student on the virtual platform, so that it will only be necessary to have an electronic device and internet connection to download the material and start developing the content proposed by the best teaching staff.

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

- ◆ The development of case studies presented by experts in airport multi-management
- ◆ 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



Prepare yourself to face professional challenges in the field of airport multi-management and to take on new projects in this area"

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Learn to examine the main source of aeronautical regulations, AESA, as well as the content of the current airport regulation document"

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.

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.

With Relearning and Learning by Doing methodology, learn in a resolute way the latest updates in the field of Airport Multi-Management.

A Postgraduate Certificate that specializes your professional career in the most convenient way: online, flexible and at your own pace.



02 Objectives

This program will provide you with an in-depth knowledge of the different types of documents and regulatory frameworks in force in the field of airport multi-management. In addition, the study plan focuses on the application of these notions to bring professionalism to the management of any airport infrastructure. Likewise, the content taught from a theoretical and practical perspective, allows to work on real cases and documentation.





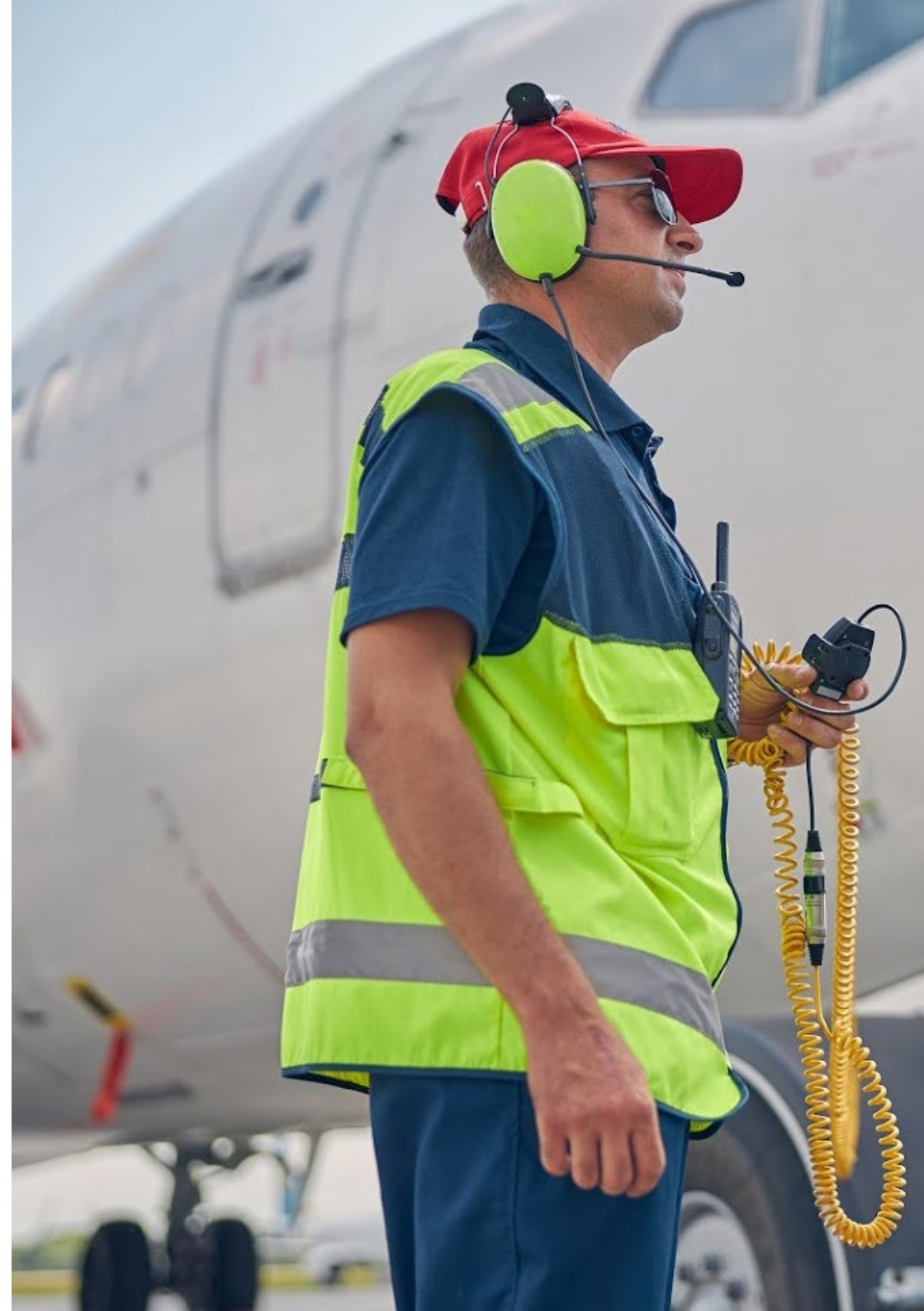
“

In-depth knowledge of the different types of documents and regulatory frameworks in force in the field of airport multi-management”



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

- ◆ Examine the existence and scope of the airport regulatory document, as well as the operational safety management systems
- ◆ Examine the existence and scope of environmental management systems
- ◆ Determine the existence of the quality system and processes, safety management systems and their scope
- ◆ Delve into the existence of CGA and CEOPS management centers and their functions
- ◆ Know the particularities of the network operation and its impact on the HR involved
- ◆ Detail the annual budgets
- ◆ Identify the particularities of the change management process for the maintenance of the airport certificate



TECH always offers a theoretical and practical perspective of the content so that the knowledge can be applied in professional Exercise"

03

Course Management

This program is backed by a professional faculty and staff, accustomed to working in the teaching field on a daily basis, with a broad professional background. For this reason, they are in charge of developing the structure and content of this Postgraduate Certificate, as they truly know the ins and outs and challenges that can arise in professional life. Their experience in the world of airport infrastructure management and direction will help the student to understand the main challenges of the sector.





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Take the step and specialize in the field of Airport Multi-Management"

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
- ♦ Professional Master's Degree in Business Administration at Polytechnic University of Madrid Madrid
- ♦ Professional Master's Degree in Business Administration from Polytechnic University of Madrid Madrid
- ♦ Degree in Civil Engineering from San Antonio Catholic University of Murcia

Professors

Ms. Redondo de la Mata, Elisa

- ♦ Aerospace Engineer Aviation and Safety Expert
- ♦ System security engineer. Plan Safe, Australia
- ♦ Expert in Airport Operations Security. Aena
- ♦ Team Leader of airport projects at Ineco.
- ♦ ATCO training specialist. SAERCO (Aeronautical services control and navigation S.L)
- ♦ ATM security specialist. FerroNATS
- ♦ Degree in Aerospace Engineering, Navigation and Aerospace Systems. Polytechnic University of Madrid
- ♦ Professional Master's Degree in Industrial Management, Project Management. Polytechnic University of Madrid



04

Structure and Content

The key factor of this educational program is in its syllabus. This Postgraduate Certificate gathers all the knowledge and methods that the student needs to be able to design any project related to texture modeling. Therefore, through the study of different documents, resources and regulatory frameworks, the student will become a true specialist in this field.



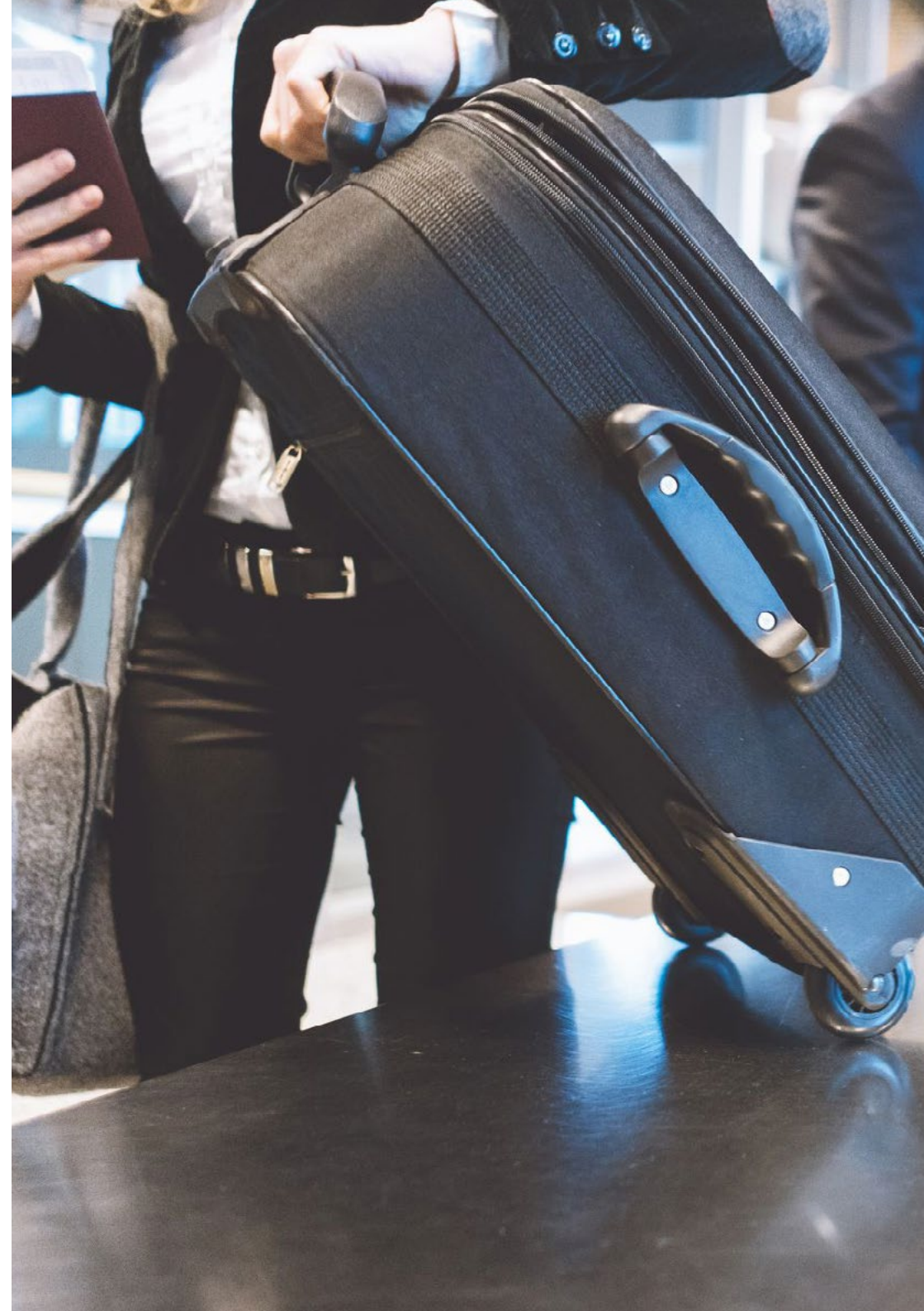


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Reach the top in airport infrastructure management thanks to this online Postgraduate Certificate”

Module 1. Multi-Management

- 1.1. The Airport Regulatory Framework AESA
 - 1.1.1. Legal Framework
 - 1.1.2. AESA and EASA Lines of Action
 - 1.1.3. AESA Inspection Activity
- 1.2. DORA
 - 1.2.1. Investment Obligations
 - 1.2.2. Planned Airport Capacity
 - 1.2.3. Pricing
 - 1.2.4. Ministerial Follow-Up
- 1.3. SGSO
 - 1.3.1. Structure of SGSO
 - 1.3.2. Risk Management
 - 1.3.3. Annual Operational Safety Program
- 1.4. Security/Safety
 - 1.4.1. Security Responsible Parties. FFCCSSEE
 - 1.4.2. Airport Security Management
 - 1.4.3. Safety Versus Convenience
- 1.5. Environmental Management Systems
 - 1.5.1. The Environmental Management System
 - 1.5.2. Noise Actions
 - 1.5.3. Actions on Light Pollution
 - 1.5.4. Other Lines of Action
- 1.6. Quality
 - 1.6.1. The Quality Management System
 - 1.6.2. The Quality of Aeronautical Data
 - 1.6.3. Quality Required from Suppliers
 - 1.6.4. Internal Audits and Other Actions





- 1.7. The EGC and CEOPS
 - 1.7.1. CEOPS Aeronautical Management
 - 1.7.2. CGA Airport Management
 - 1.7.3. Coordination with Air Navigation
- 1.8. Networks Management and HR Management
 - 1.8.1. Network Concept
 - 1.8.2. Alternative Airport
 - 1.8.3. HR Management H24; H12
 - 1.8.4. Agreements
- 1.9. Annual Budget
 - 1.9.1. Aeronautical Revenues
 - 1.9.2. Aeronautical Revenues
 - 1.9.3. Annual Budget Follow-Up and Compliance
 - 1.9.4. Restrictions and Financial Obligations
- 1.10. Change Management for Certificate Maintenance
 - 1.10.1. Information and Authorization from AESA
 - 1.10.2. Change Request File
 - 1.10.3. HR Training for Change

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If you were looking to comfortably update your knowledge in Airport Multi-Management, this fully online Postgraduate Certificate with all its content available on the virtual platform is the most convenient way to do it"

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.

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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.



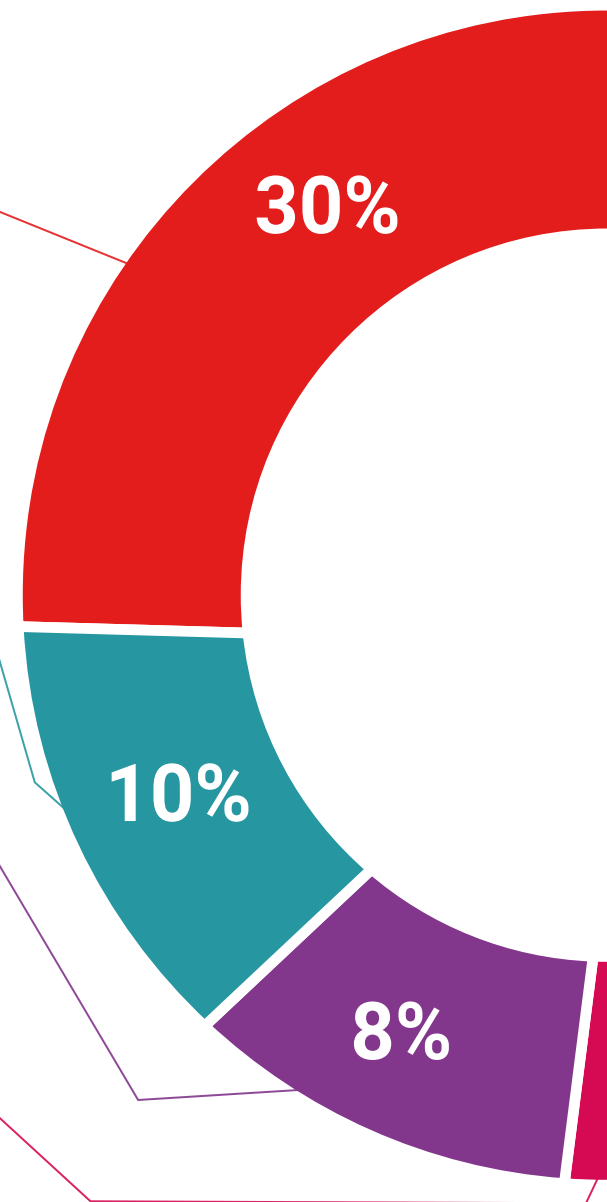
Practising Skills and Abilities

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





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

This **Postgraduate Certificate in Airport Multi-Management** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Airport Multi-Management**

Official N° of hours: **150 h.**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION 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
personalized service innovation
knowledge present
development language
virtual classroom



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