Postgraduate Certificate

Design and Management of Airport Terminals

tech technological university

Postgraduate Certificate
Design and Management
of Airport Terminals

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

Website: **www.techtitute.com/pk/engineering/postgraduate-certificate/design-management-airports-terminals**

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01
Introduction

Airport terminals are perhaps the place in the airports where more functionalities and types of users coexist, therefore, it is a space of special consideration. In addition to ensuring operational safety, it is necessary to take care of access to the premises, transportation facilities, personal safety of users and a series of other aspects to be taken into account. For all these reasons, this educational program aims to show the characteristics to be taken into account in the Design and Management of Airport Terminals. In an online format, this program is taught with Relearning methodology, so that the student can boost their own skills and abilities by putting into practice the theoretical content.

" *It is part of the design and management of the airport terminal, a space of special consideration within airports"*

The "landside" of airports comprises all spaces outside the aeronautical and non-aeronautical operations areas related to the common airfield activity. It is necessary to understand these infrastructures and to analyze all the elements that make them up separately, in order to ensure the operational safety of the aviation activity. of the aeronautical activity.

Therefore, this Postgraduate Certificate delves into the possible and different types of access to an airport, such as railways and other transport chains, as well as road access to the terminal, bus stops, cabs or VTC.

In addition, the content differentiates the problems of design and functionality of check-in areas, boarding, commercial or baggage claim areas and the aspects that are necessary for the correct design and dimensioning of airport terminals. The educational plan culminates with the presentation of software for the functional design of terminals.

This program, created by TECH Technological University, is absolutely designed so that the study can be combined with daily life, since its online format allows the user to advance, during the 6 weeks that it lasts, at their own pace, in addition to the fact that it can be accessed from anywhere and at any time.

This **Postgraduate Certificate in Design and Management of Airport Terminals** 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 Design and Management of Airport Terminals

- 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

Without leaving your personal or professional daily routine, take this Postgraduate Certificate in Design and Management of Airport Terminals"

"This Postgraduate Certificate has been designed to combine learning with your professional and personal routine, so that you can continue updating your knowledge without abandoning other projects"

Take a progressive learning path with our teaching methodology developed by TECH: relearning and learning by doing.

Specialize your curriculum and turn your professional career as a designer and manager of airport terminals.

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.

02
Objectives

In order to be able to correctly design and manage an airport terminal, this Postgraduate Certificate brings together the teachings and notions required to be able to face this type of professional field. Thanks to well thought-out objectives, you will acquire the professional criteria and the skills and knowledge necessary to handle this type of work challenge with ease. The management and teaching staff of this program has designed the content so that professionals in the field acquire all the necessary skills.

Acquire the fundamental notions on Airport Terminal Design and Management through a study plan with well-defined objectives"

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 state of the art regarding rail connections to airports
- Detail the functional problems of airport accesses
- Know the airport accesses and airport parking areas
- Master the functional requirements of each terminal area
- Master terminal simulation software

With a clear structure and accompanied by the best professionals in the field, you will make your professional profile more attractive with this Postgraduate Certificate"

03
Course Management

The management team of this program and the faculty have designed together a perfect study plan for the user to be updated in the theory and practice of the sector, in addition to all their professional experience. They are experts of high prestige perfectly qualified to teach the contents of this plan. Therefore, by means of the content they will present and the diverse didactic materials they have developed, the student will receive the most current and requested knowledge of this industry.

Achieve new professional challenges and projects, acquire the best knowledge in Design and Management of Airport"

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

Professors

Ms. Blázquez del Rivero, Miriam
- Aeronautical Engineer at Gesnaer Consulting
- Airport Engineer for INECO
- Junior Aeronautical Engineer for ALBEN 4000 Ingeniería y Consultoría
- Consultant for Altran and Alben 4000
- Aeronautical Technical Engineer at Polytechnic University of Madrid

04
Structure and Content

The content of this Postgraduate Certificate is divided into small subsections, so that the necessary concepts for the design and management of airport terminals are acquired progressively. In 6 weeks, the user becomes a professional trained to face these tasks. The Postgraduate Certificate in Design and Management of Airport Terminals is designed to take the notions of the expert in the area to safe ground and consolidated.

Acquiring the knowledge necessary to design and manage airport terminals and manage airport terminals has never been as easy as with this fully online Postgraduate Certificate"

In 6 weeks, the user becomes a professional in Design and Management of Airport Terminals"

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.

"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.

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.

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.

30%

10%

8%

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 Design and Management of Airport Terminals 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 Design and Management of Airport Terminals** 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 certificate 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 Design and Management of Airport Terminals**
Official N° of hours: **150 h.**

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Awards the following
CERTIFICATE
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in

Design and Management of Airport Terminals

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
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 certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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