

Postgraduate Certificate Multimodal Transport, Intermodality and Logistics Platforms





Postgraduate Certificate Multimodal Transport, Intermodality and Logistics Platforms

- » 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/multimodal-transport-intermodality-logistics-platforms

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01

Introduction

In an increasingly globalized world, logistics plays a vital role. Its infrastructures guarantee the successful arrival of goods and raw materials almost anywhere in the world. However, it is necessary to have a thorough understanding of the advanced systems and platforms that are implemented in these tasks. For this reason, this syllabus provides students with the opportunity to delve into essential topics in this area in order to achieve greater professional performance. Among other aspects, it will address warehouse management, land, rail, sea and air transportation, as well as intermodality. In addition, the didactic approach of this 100% online program allows graduates to learn from industry experts and develop skills in a faster and more flexible way.





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Thanks to this Postgraduate Certificate you will stand out in the promising sector of Port Management and Intermodal Transport"

Globalization and economic interconnection have made Logistics and Multimodal Transport essential pillars for economic success. Thanks to their different strategies and management methods, producers and major industries can cope with different situations such as shortages, economic or sanitary crises. These functions are of vital importance and, therefore, their correct management requires the mastery of the latest technologies and the most advanced techniques.

In this sense, this program represents an unique opportunity for those who wish to update their skills in this field with so much potential. The educational pathway, developed by TECH, addresses a wide range of practical and conceptual aspects from warehouse management to land, rail, sea and air transportation, along with a special focus on intermodality. Through its comprehensive study, graduates of this qualification will be prepared to address the growing demand for rigorous skills in this ever-evolving industry.

In addition, this Postgraduate Certificate has an exclusive and innovative mode of study. Its contents, presented in a multimedia platform and in a 100% online format, allow you to delve into the most pressing issues in this field. All this with the guidance of leading experts in the field and the analysis of different case studies. High-quality resources, including virtual libraries and multimedia materials, are available 24 hours a day, 7 days a week, from any device connected to the Internet.

In addition, the program uses the *Relearning* method to reinforce in its graduates in a natural way the fundamental concepts in the field of Multimodal Transportation. This methodology and its advantages make TECH and its syllabus the most solid educational proposal of the moment. Not for nothing, the institution has become the best rated university in the world by its students according to the Trustpilot platform.

This **Postgraduate Certificate in Multimodal Transport, Intermodality and Logistics Platforms** 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 Multimodal Transport, Intermodality and Logistics Platforms
- ♦ The graphic, schematic, and practical contents which provide Therapeutics 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



Are you looking to update your skills in a rigorous and comprehensive manner? Enroll in TECH, the world's best online university"

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Train yourself from anywhere, with a schedule to suit your needs, in maritime-port logistics and international transport chains”

The program’s teaching staff includes professionals from the field 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 during the academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

Delve into the latest trends in inventory planning and management will guarantee you a professional practice of excellence.

Become an expert in the sought-after port logistics sector through this comprehensive program.



02 Objectives

This Postgraduate Certificate is designed for the student to acquire all the necessary competences to stand out and be up-to-date in the Multimodal Transport of goods sector and the management of logistics platforms within the port administration. For this purpose, a syllabus prepared by leading professionals in the sector is made available to the graduate, which will facilitate the attainment of fundamental knowledge to update and prosper within the changing international port environment.





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Specialize in the management of Logistics Platforms through the exhaustive topics of this program"



General Objectives

- ♦ Conceptualize logistics and place it in the current economic environment
- ♦ Conceptually define the processes that compose it and give rise to the different types of logistics
- ♦ Understand what each of these processes consists of and the purpose for which they were conceived
- ♦ Analyze the general composition of today's intermodal chains
- ♦ Update the student's knowledge in the field of multimodal transport
- ♦ Substantiate the importance of maritime transport in globalization
- ♦ Analyze multimodality and its role in the logistics chain
- ♦ Examine the main maritime traffics and transport vessels
- ♦ Delve into the main maritime traffics





Specific Objectives

- ◆ Identify each of the actors involved in the intermodal chain and define their roles
- ◆ Develop the concept, evolution and activities related to intermodal transport
- ◆ Establish the economic and operational impact of multimodality within the supply chain
- ◆ Generate logistics optimization scenarios based on the principles of intermodality

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With the Relearning method and the wide range of multimedia resources you will accomplish all your goals in a dynamic and easy way”



03

Course Management

TECH adheres to a philosophy based on the education of quality. To fulfill this educational line, the team of this institution has selected teachers with extensive experience in the port sector and with a deep knowledge in Port Management and Intermodal Transport. Their extensive background is evident throughout the syllabus, which will raise the theoretical and practical knowledge of students who take this Postgraduate Certificate 100% online.



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Put yourself in the hands of the best experts and exchange doubts and expand your skills through their 100% online educational guide"

Address



Dr. López Rodríguez, Armando

- ♦ Head of Technical Advisory Area in the Office of the President of Ports of the State
- ♦ Head of Strategic Planning Area at Ports of the State
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- ♦ AENOR Associate Professor
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- ♦ Telecommunications Engineer from Universidad Politécnica de Madrid
- ♦ Degree in History from the National University of Distance Education (UNED)
- ♦ PhD's Degree in History from the National University of Distance Education (UNED)
- ♦ Master's Degree in Advanced Methods and Techniques of Historical, Artistic and Geographic Research from the National University of Distance Education (UNED)
- ♦ Management Development Program (PDD) from the IESE of the University of Navarra



Professors

D. Martín Gasull, Emilio

- ♦ Manager at Refrigerated Transport Division at Zanotti Appliance
- ♦ General Manager at HI Logistics Group
- ♦ Regional Director Levante at ERTRANSIT
- ♦ Branch Manager Levante at Agencia Fernández de Sola
- ♦ Intermodal Transport Division Manager at Kuehne & Nagel Spain
- ♦ Maritime Division Manager Spain and Portugal at DHL Global Forwarding
- ♦ Director Intermodal Transport Division at DHL Global Forwarding
- ♦ Regional Technical Director at JF Hillebrand Spain
- ♦ Maritime and Inland Logistics Director at Evergreen Shipping Spain
- ♦ Lecturer in the Master's Degree in Port Management and Intermodal Transport
- ♦ Graduated in Law from the University of Valencia Academic Background
- ♦ Commissioner of Average by the College of Merchant Marine Officers



Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice"

04

Structure and Content

The educational program of this Postgraduate Certificate in Multimodal Transportation, Intermodality and Logistics Platforms has been designed to cover 150 hours of instruction, delving into the organization, infrastructure and relationship between transportation and the different Logistics Platforms. This theoretical approach is complemented by a wide variety of didactic resources; multimedia materials, specialized readings and case studies. All available on TECH's Virtual Campus, at any time of the day and from anywhere.





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A syllabus that encompasses educational materials in formats as diverse as explanatory video, interactive summaries or infographics”

Module 1. Multimodal transport, intermodality and logistics platforms

- 1.1. The Warehouse
 - 1.1.1. Phases of the Logistics activity Role of Warehouse in the Supply Chain
 - 1.1.2. Warehouse activities
 - 1.1.3. Types of Warehouse
 - 1.1.4. Storage alternatives
- 1.2. Logistics Platforms
 - 1.2.1. Storage Vs Logistics Platforms Differentiating Elements
 - 1.2.2. Types of logistics Platform
 - 1.2.3. Operation of an Logistics Platform Infrastructures, space organization of space and human and mechanical resources
- 1.3. Logistics platforms as an integrating element of the intermodal chain.
 - 1.3.1. Types of logistics Platform
 - 1.3.2. Location as a differentiating element of logistics platforms. Warehouses HUB
 - 1.3.3. Micro logistics platforms. Urban SLPs
- 1.4. Inland transportation of goods by road
 - 1.4.1. International land freight transport. Primary infrastructures and international legal framework
 - 1.4.2. Types of road freight transport
 - 1.4.3. Key elements for the management of road transport companies.
 - 1.4.4. Digital transformation of road transport companies. Management Systems
- 1.5. Rail freight transport
 - 1.5.1. Rail transport Situation of international freight rail networks
 - 1.5.2. Railway operators
 - 1.5.3. Types of Rail transport
- 1.6. Maritime freight transport
 - 1.6.1. International regulatory agencies
 - 1.6.2. Relevant legislation
 - 1.6.3. Long distance maritime transportation
 - 1.6.4. Short sea *shipping* and freeways of the sea
 - 1.6.5. Freight transport by inland waterways
 - 1.6.6. Maritime transportation Key Aspects





- 1.7. Air freight transport
 - 1.7.1. International regulatory agencies
 - 1.7.2. International Legal Framework
 - 1.7.3. Essential infrastructures
 - 1.7.4. Airplanes Typology
 - 1.7.5. Air transport Key Aspects
- 1.8. Capillary distribution of goods
 - 1.8.1. Capillary distribution, the final link in the logistics chain
 - 1.8.2. Capillary distribution operation
 - 1.8.3. Last Mile Logistics. Operation
- 1.9. Multimodal and combined transportation
 - 1.9.1. Multimodal and combined transportation
 - 1.9.2. Multimodality Vs Intermodality
 - 1.9.3. Role of multimodal transport operators (MTOs)
- 1.10. Intermodal transport
 - 1.10.1. Intermodal transport
 - 1.10.2. Types of Intermodality
 - 1.10.3. Role of Warehouse in intermodality. The *crossdocking*
 - 1.10.4. The operator in the intermodal transport
 - 1.10.5. Intermodal Transportation Systems
 - 1.10.6. Intermodal transport Advantages, problems and Challenges

“Enroll now in this program and develop a global mastery of its disruptive topics through the innovative Relearning method”

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 Multimodal Transport, Intermodality and Logistics Platforms 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 Multimodal Transport, Intermodality and Logistics Platforms** 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 Multimodal Transport, Intermodality and Logistics Platforms**

Official N° of Hours: **150 h.**



*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.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community comm
personalized service innovation
knowledge prese
development la
virtual classro



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