Postgraduate Certificate
Logistics and Logistics Operators
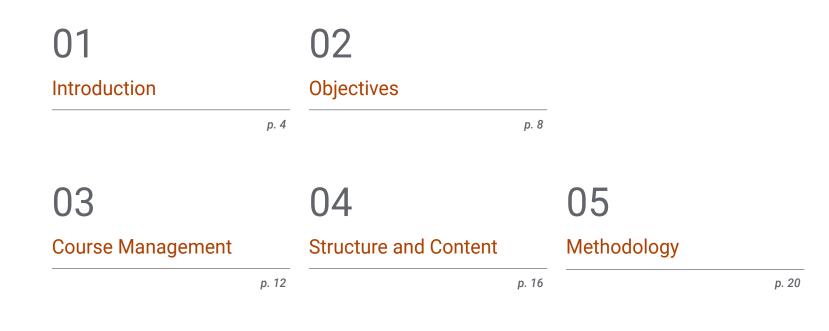
tec**h** global university

Postgraduate Certificate
Logistics and Logistics Operators

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

Website: **www.techtitute.com/us/engineering/postgraduate-certificate/logistics-logistics-operators**

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01
Introduction

The use of raw materials from distant countries has made logistics key to globalized trade. During these processes, factors that put it to the test arise, so developing an effective management of intermodal chains is essential to overcome the challenges that arise. In this context, TECH has implemented an educational program based on the latest trends in business organization and the most advanced technologies. The qualification stands out for its innovative approach with transport planning models that optimize the operation of infrastructures. In addition, its 100% online content allows students to study it comfortably, only with a device with Internet access, and to take a leap forward in their career.

" *The program delves into the incorporation of the most advanced technologies to ensure success in the logistics chain*"

Efficient transportation and storage of resources and raw materials needed for production has become indispensable. Industries such as food, metallurgy and textiles require an efficient and powerful infrastructure that guarantees cohesion between all the links in the chain. In other words, the key to success in these logistics activities of excellence, designed with maximum foresight, attention to risks and quality control strategies.

The companies in charge of this type of tasks are continuously seeking to raise their performance indicators and develop continuous improvement. In this context, highly specialized professionals are indispensable. For this reason, TECH has designed a study program that contains the most advanced concepts and activities related to Logistics and Multimodal Transport of goods. The educational itinerary will facilitate the development of practical competences in a fast and flexible way for the handling of the most modern technology and information systems used in this sector.

Also, with a 100% online methodology of this qualification, graduates will be able to comfortably complete the program. For the analysis of its contents you will only need a device with Internet access, since the evaluation schedules and timetables can be planned individually. In addition, the syllabus will be supported the innovative Relearning teaching system that relies on repetition to guarantee the mastery of its different aspects. At the same time, it mixes the learning process with real situations so that the knowledge is acquired in a natural and progressive way, without the extra effort of memorizing.

Likewise, during the 180 hours of study of this Postgraduate Certificate, students will have access to exclusive materials. These include scientific articles, complementary information and multiple multimedia resources.

This **Postgraduate Certificate in Logistics and Logistics Operators** 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 Logistics
- The graphic, schematic and eminently practical contents of the book provide up-to-date and practical information on those 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

Don't miss the opportunity to boost your career at the best online university in the world"

You will master the latest trends in logistics planning and management thanks to this exclusive TECH program"

You will transform the challenge of new technologies into competitive advantages to offer the most innovative solutions in the logistics field.

You will acquire an integral and strategic vision of the logistics chain that generates value in products.

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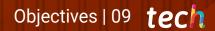
This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced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

02
Objectives

This program will enable students, engineers, logistics department specialists and entrepreneurs to operate effectively in scenarios with numerous agents. In addition, they will acquire the necessary skills to take on responsibilities related to terminal management or the provision of port services. In this way, they will be prepared to advance in their careers thanks to a program that provides a strategic and global vision to adapt to changing situations.

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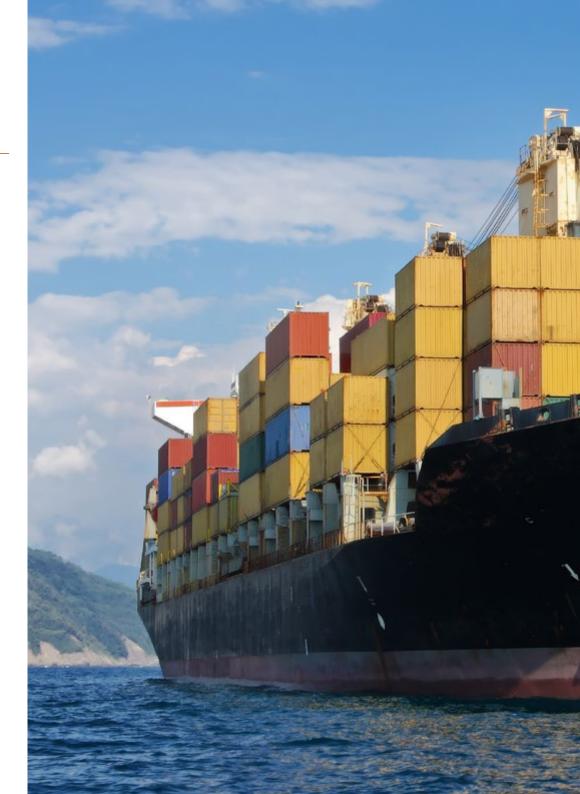*With TECH you will make a quality leap in your career, controlling robotics and Machine Learning"*

General Objectives

- Analyze the general composition of today's intermodal chains
- Conceptually define the different links in this chain
- Analyze multimodality and its role in the logistics chain
- Consolidate the student's knowledge in the field of multimodal transport

You will achieve your objectives thanks to TECH tools and the support of the best professionals"

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

03
Course Management

TECH's main premise is that its students acquire solid skills in Logistics. Therefore, this Postgraduate Certificate has a qualified team with extensive experience in the sector. The members of this faculty will offer theoretical and practical tools for the development of their skills. All this based on educational excellence and implementing different teaching resources such as the *Relearning* method and various multimedia resources. Through the contents selected by these specialists, students will be able to broaden their professional perspectives and will be able to apply advanced praxis in their daily work.

TECH puts at your disposal a teaching staff composed of true pioneers in technological innovation in the logistics sector"
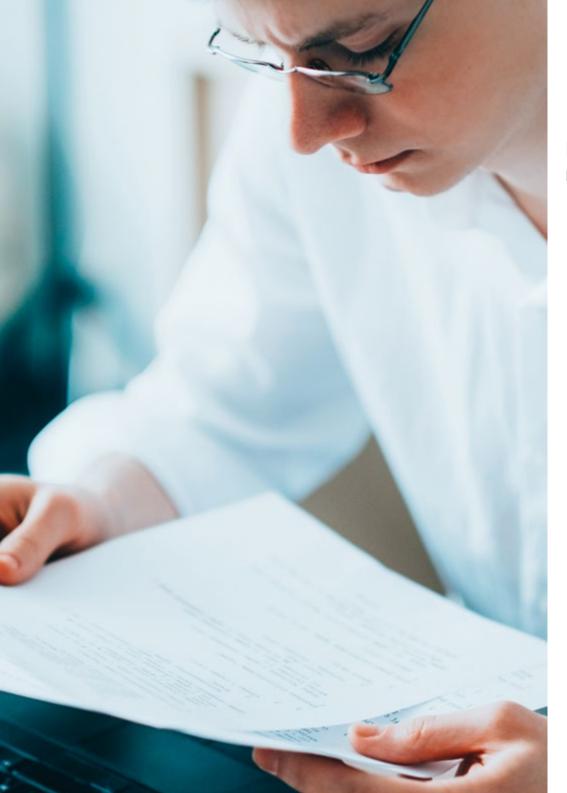
Management

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
- Project Manager at Ports of the State
- Head of the Resources and Information and Communications Technology Area at Ports of the State
- Head of Development Ports of the State
- Head of Corporate Relations Area at Ports of the State
- Head of Strategic Planning Area at Ports of the State
- Head of the Strategic Planning Area at Ports of the State
- AENOR Associate Professor
- UBT Associate Professor Lab
- 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

Mr. 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

A unique, key, and decisive training experience to boost your professional development"

04
Structure and Content

Contents of the syllabus have been designed based on the requirements of Logistics applied to the specificity of this sector, following the requirements proposed by the teaching team of this Postgraduate Certificate. A syllabus has thus been established with a module that offers a broad perspective of these management and planning processes from a global point of view in areas of their application at an international level. In addition, it delves into different links and periods of organizational chains and students will adapt to the new demands of e-commerce. Also, it will address how to efficiently solve different problems of storage, inventory and route optimization.

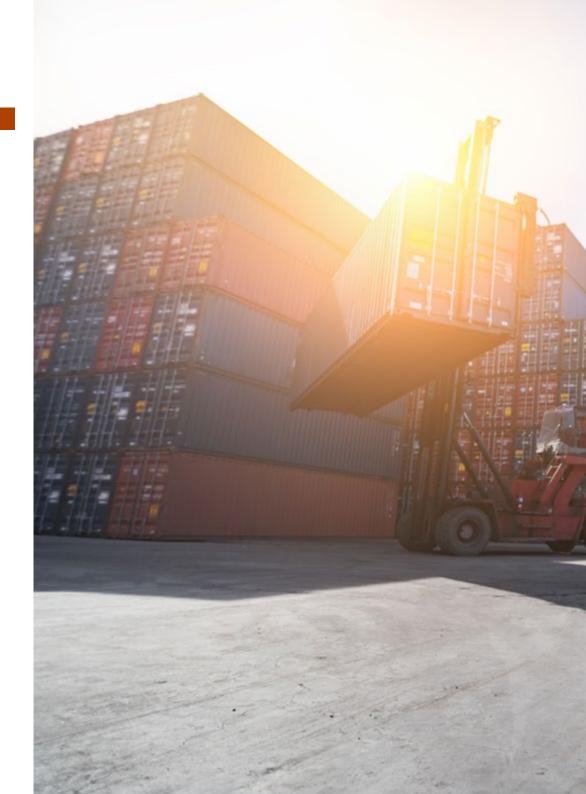*You will have access to a syllabus developed by prestigious experts in Logistics, which guarantees a successful learning process"*

Module 1. Logistics and logistics operators

1.1.   Logistics
   1.1.1.   Logistics, role in the current economic flow
   1.1.2.   Logistics and Supply Chain. Differences
   1.1.3.   In-Company Logistics. Importance

1.2.   Logistics Areas and Types
   1.2.1.   Logistics Areas
   1.2.2.   Internal vs. external Logistics
   1.2.3.   Logistics fundamentals

1.3.   Logistics Operations
   1.3.1.   Operations of logistics companies
   1.3.2.   The logistics process and its elements
   1.3.3.   Stages of the logistics chain
   1.3.4.   Problems arising in logistics environments

1.4.   Logistics adapted to current market needs
   1.4.1.   Logistics in e-commerce. Distribution Logistics
   1.4.2.   Reverse Logistics
   1.4.3.   Logistics Indicators
   1.4.4.   Current Logistics

1.5.   New Technologies Applied to Logistics
   1.5.1.   Robotics and automated warehouses
   1.5.2.   Process Automation
   1.5.3.   Information Systems Applied to Logistics
   1.5.4.   Blockchain and Machine Learning

1.6.   Logistics of the future
   1.6.1.   Challenges Faced by Logistics
   1.6.2.   Green Logistics
   1.6.3.   New trends in the field of Logistics

1.7.   Logistics Operators
   1.7.1.   Global Logistics
1.7.2.   Role of the Logistics Operators
   1.7.3.   Evolution of Logistics Operators up to the Present Day
   1.7.4.   Role of the Logistics Operators. Requirements

A program designed based on the latest trends and most advanced technologies. Enroll now!"

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.

06
Certificate

The Postgraduate Certificate in Logistics and Logistics Operators 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 program will allow you to obtain your **Postgraduate Certificate in Logistics and Logistics Operators** 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 Logistics and Logistics Operators**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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tech *global university*

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

Postgraduate Certificate in Logistics and Logistics Operators

This is a program 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
Rector

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

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

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