Postgraduate Certificate
Ports and Port Governance

tech global university

Postgraduate Certificate
Ports and Port Governance

» Modality: **online**
» Duration: **6 weeks**
» Certificate: **TECH Global University**
» Credits: **6 ECTS**
» Schedule: **at your own pace**
» Exams: **online**
» Target Group: **University graduates, postgraduate certificates and bachelor's degree holders who have previously completed any of the following degrees in the field of Business Sciences, Civil Engineering or Naval Engineering**

Website: **www.techtitute.com/us/school-of-business/postgraduate-certificate/ports-port-governance**

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01

Welcome

New digital tools have revolutionized the field of Port Governance, which has opened up to new models of private and public management. This area is currently facing numerous challenges, with the increase in competitiveness among commercial ports around the world. That is why TECH has developed this exclusive program with which the student will be able to successfully respond to the difficulties presented by this sector, by mastering the most effective administrative and leadership tools. Therefore, this 100% online educational program is an unique opportunity for professionals, who have the opportunity to progress in an industry of great economic relevance.

Postgraduate Certificate in Ports and Port Governance
TECH Global University

Port Governance faces many challenges today. Master the most advanced technological tools in the sector and place yourself at the professional forefront thanks to TECH"

Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.

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TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"

At TECH Global University

Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.

The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% | of TECH students successfully complete their studies

Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000 executives prepared each year

+200 different nationalities

Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500 | collaborative agreements with leading companies

Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.

Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

tech

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:

Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational itinerary.

Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.

At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"

03
Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.

We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level"

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01

A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.

03

Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04

You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05 Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06 Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.

07 Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08 You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Global University community.

We give you the opportunity to study with a team of world-renowned teachers.

04
Objectives

With this program, students will achieve all their professional goals by mastering the most advanced Port Governance skills. Therefore, TECH provides graduates with different educational updating resources, successfully achieving the objectives of the program. At the end of this program, students will have acquired specific competences by developing skills in port typology according to the flow of goods. All this in only 180 hours of study, in addition to unlimited access to teaching resources.

"

TECH's objective is to take you professionally to the top with a program of high standards of efficiency and quality"

TECH makes the goals of their students their own goals too
Working together to achieve them
The **Postgraduate Certificate in Ports and Port Governance** will enable students to:

01 Conceptualize logistics and place it in the current economic environment

02 Conceptually define the processes that compose it and give rise to the different types of logistics

03 Understand what each of these processes consists of and the purpose for which they were conceived

04 Analyze the general composition of today's intermodal chains

05 Update the student's knowledge in the field of multimodal transport

06 Justify the importance of maritime transport in globalization

08 Examine the main maritime traffics and transport vessels

09 Delve into the main maritime traffics

07 Analyze what multimodality is and its role in the logistics chain

10 Specify the international legislation in maritime transport

11 Delve into the traditional characteristics and functions of ports and their historical evolution

14 Analyze the latest innovation trends

12 Delve into the evolution of the logistics function in ports

13 Examine the alternative of port infrastructure specialization as a way of adapting to the demands of logistics chains

15 Define the different Governance Models of Ports

16 Examine the evolution of port governance in relation to the level of development of the countries

18 Define a future port model in a context of in-depth and global transformation

19 Analyze with maximum objectivity these aspirations, from a technical point of view

17 Provide a context for the governance structure of a typical port

20 Identify the importance of consensus, communication and transparency in the process of formulating the strategy of a port system that has important repercussions on society as a whole, both economically and socially

05
Structure and Content

This Postgraduate Certificate in Ports and Port Governance is structured in a specific module through which the student will be able to delve into the most efficient port management strategies. All this, using the best multimedia pedagogical resources: detailed videos, interactive summaries, case studies, etc. An unique opportunity to obtain an elite professional preparation.

Study at TECH, the best digital university in the world according to Forbes"

Syllabus

This Postgraduate Certificate consists of 180 teaching hours, positioning the graduates at the top of their professional career according to the different challenges of Ports and Port Governance. To this end, this program contains various skills and technical competencies that will help to acquire unique knowledge in container on wheeled platforms, liquid bulk terminals and simulation-based training.

In order to achieve the objectives in their professional career, the teaching team has designed a perfect syllabus with 1 module for the graduates to strengthen their competences in port terminal layouts and areas.

Engineers will enhance their skills in specific areas such as defining a port model for the future in a context of profound and global transformation. A program that has a qualified team of specialized teachers and at the same time, accompanied by multimedia tools of excellent quality that offer the benefit of the Relearning modality.

In this way, comfort and educational efficiency are essential for TECH. That is why this program offers the best innovations in the sector, being a qualification of great flexibility by only needing an electronic device with internet connection to easily access the virtual platform from the comfort of your home or wherever you are.

This Postgraduate Certificate is developed over 6 week and is divided into 1 module:

Module 1	Ports and Port Governance

Where, When and How is it Taught?

TECH offers students the opportunity to take this Postgraduate Certificate in Ports and Port Governance entirely online. During the 6 weeks of the specialization, the student will be able to access all the contents of this program at any time, which will allow the students to self-manage their study time.

An unique, key, and decisive educational experience to boost your professional development and make the definitive leap.

Module 1. Ports and port terminals

1.1. The Commercial Port. Functions
1.1.1. Functions of a commercial port
1.1.2. Ports and the Supply Chain
1.1.3. Ports in the 21st Century

1.2. Port Models according to the flow of goods
1.2.1. Ports as essential nodes in logistics chains
1.2.2. Port typology according to the flow of goods
1.2.2.1. Import/export Ports
1.2.2.2. Ports Hub
1.2.3. Adaptation to changing trends in the flow of goods

1.3. Port Terminals
1.3.1. Port Specialization
1.3.2. Layout and Zones of a Port Terminal
1.3.3. Types of port terminals

1.4. Cranes and mechanical means
1.4.1. Cranes for loading and unloading the ship
1.4.2. Means for transporting cargo in a terminal
1.4.3. Means for cargo handling in the yard

1.5. Multi-purpose terminals and container terminals
1.5.1. Multipurpose or general purpose terminals
1.5.2. Container terminals
1.5.3. Loading and unloading flow in a container terminal

1.6. Bulk Terminal
1.6.1. Bulk solids Terminal
1.6.2. Bulk Liquids Terminal
1.6.3. Special installations

1.7. Roll-on/roll-off terminals
1.7.1. Roll-on/roll-off terminals
1.7.2. Containers on wheeled platforms
1.7.3. Automotive

1.8. Passenger terminals and other types of specialized terminals
1.8.1. Passenger terminals
1.8.2. Sports marinas
1.8.3. Fishing terminals

1.9. Intelligent Ports and Automation
1.9.1. Smart Ports
1.9.2. Digitalization
1.9.3. Automation of operations

1.10. Latest trends in port innovation
1.10.1. Artificial Intelligence and its application to ports
1.10.2. Simulation Based Training (SBT)
1.10.3. Digital port twins

06
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"

TECH Business School uses the 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"*

This program prepares you to face business challenges in uncertain environments and achieve business success.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.

You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

Our program prepares you to face new challenges in uncertain environments and achieve success in your career.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

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 online business school is the only one in the world licensed to incorporate 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. With this methodology we have 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, markets, and financial 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.

Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.

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%

3%

30%

15%

4%
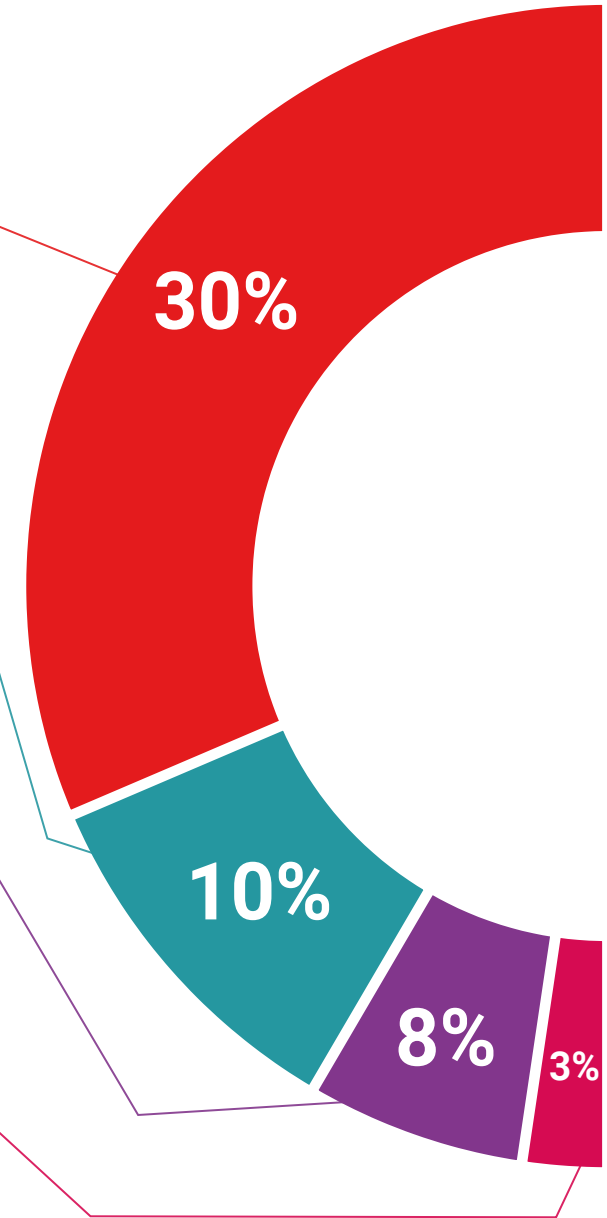
Case Studies

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 senior management 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.

Our Students' Profiles

The Postgraduate Certificate is aimed at university graduates and graduates who have previously completed any of the following degrees in the fields of Business Sciences, Civil Engineering or Naval Engineering.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The Postgraduate Certificate may also be taken by professionals who, being university graduates in any area, have two years of work experience in the field of the Ports and Port Governance.
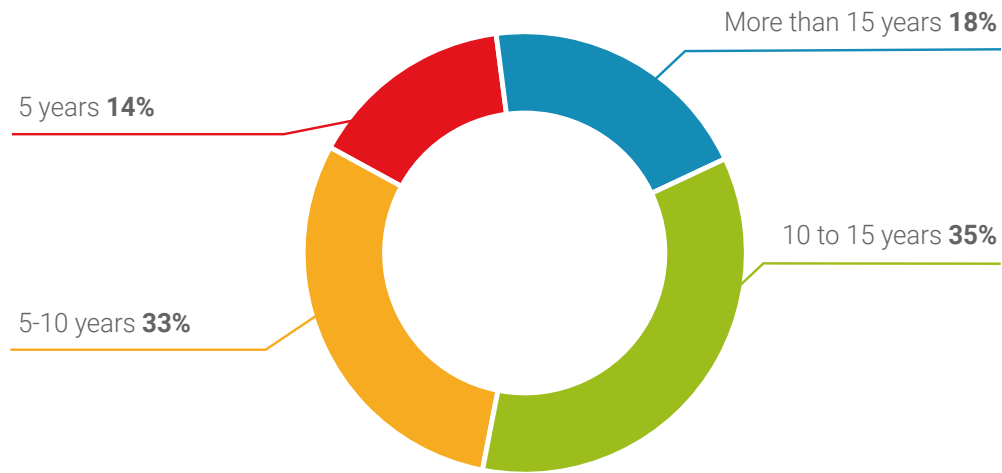
If you have experience in Port Governance, looking for an improvement in your career while continuing to work, this is the program for you"
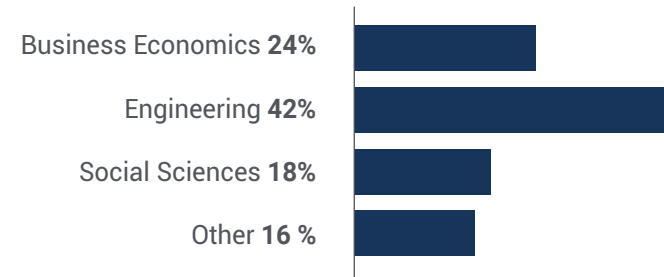
Average Age

Between **35** and **45** years old

Years of Experience

More than 15 years **18%**

5 years **14%**

10 to 15 years **35%**

5-10 years **33%**

Training

Business Economics **24%**

Engineering **42%**

Social Sciences **18%**

Other **16 %**

Academic Profile

Industry **39 %**

Administration **24%**

Transportation **27 %**

Other **10 %**
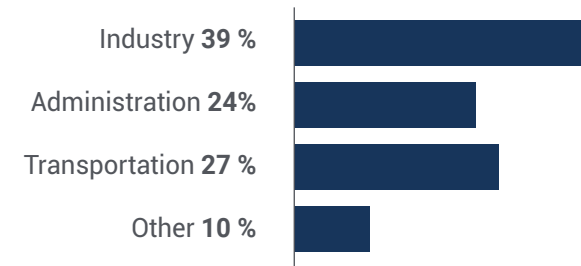
Geographical Distribution

U.S.A. **14%**

Spain **42%**

Mexico **33%**

Colombia **11%**
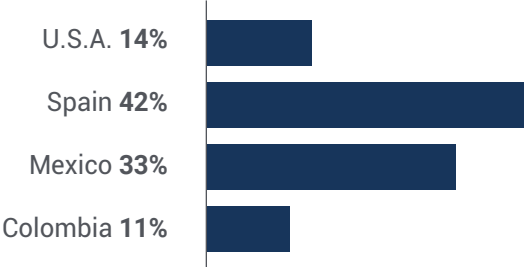
Sara María Urquiza

Social Media and Content Manager

"From this program I highlight the ability of the teachers to transmit and share knowledge in a simple, precise and orderly manner. With the balance achieved between theory and practice, the student ends up acquiring the key tools work. It's definitely an investment with great short-term returns"

08
Course Management

For TECH, excellence is everything, so it offers a top level education accompanied by experts in the sector, where students can enhance their knowledge with solid foundations in the specialty of Ports and Port Governance. Accordingly, this Postgraduate Certificate has a renowned teaching team with a great background in Artificial Intelligence and its application to ports. This is the best opportunity to take a quality step with a highly qualified teaching staff.

"TECH is focused on offering the best professional and managerial preparation. Enroll now and give your career a boost"

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
- 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

Impact on Your Career

This program has been developed in order to provide students with
the necessary knowledge for the port sector.
In this way, TECH is excellence at the highest levels, so it will be important
for students to know that they will be able to obtain high quality
and specialized knowledge in Port Governance, positioning them
in the best companies in the sector at national and international level.

Delve into your knowledge and become an expert negotiator in Ports in only 6 weeks"

Are you ready to take the leap?
Excellent professional development awaits you.

TECH's Postgraduate Certificate in Ports and Port Governance is an intensive program that prepares you to face challenges and business decisions in the field of Ports and Port Governance. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

A Postgraduate Certificate made by the best, for the best. Grow and position yourself professionally with TECH.

You will broaden your skills in the fundamentals of Bulk Terminals through 180 hours of the best theoretical, practical and additional content.

When the change occurs

During the program	During the first year	After 2 years
11%	**63%**	**26%**

Type of change

Internal Promotion **47%**

Change of Company **45%**

Entrepreneurship **8%**
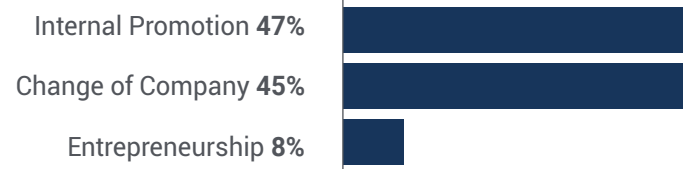
Salary increase

This program represents a salary increase of more than **25%** for our students

Salary before	A salary increase of	Salary after
$60,000	**25%**	**$75,000**

10
Benefits for Your Company

This program contributes to elevate the organization's talent to its maximum potential through the instruction of high-level leaders.

In addition, participating in this educational option is an unique opportunity to access a powerful network of contacts in which to find future professional partners, clients or suppliers.

In the digital era, managers must integrate new processes and strategies that bring about significant changes and organizational development. This is only possible through training and university updating"

Developing and retaining talent in companies is the best long-term investment.

01

Growth of talent and intellectual capital

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02

Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

Building agents of change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04

Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in the world economy.

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Project Development

(05)

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

Increased competitiveness

(06)

This program will equip students with the skills to take on new challenges and drive the organization forward.

11
Certificate

The Postgraduate Certificate in Ports and Port Governance 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 Ports and Port Governance** 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 Ports and Port Governance**

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 Ports and Port Governance

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

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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*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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