Postgraduate Diploma
Maritime Transportation and Ports

tech *technological university*

Postgraduate Diploma
Maritime Transportation and Ports

» Modality: **online**
» Duration: **6 months**
» Certificate: **TECH Technological University**
» Dedication: **16h week**
» Schedule: **at your own pace**
» Tests: **online**
» Target Group: **Target Group: University graduates and postgraduates who have previously completed any of the degrees in the field of Business Sciences, Civil or Naval Engineering.**

Website: **www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-maritime-transportation-ports**

Index

01
Welcome

The steady increase in global maritime traffic presents major challenges for port management professionals. Maritime transport is a sector that involves areas such as trade or tourism, being an industry of great relevance to the international economy. In this way, TECH has designed this academic program that will provide the graduates with the most complete and updated syllabus in this area, delving into the different models of governance of ports. This counting on the support of audiovisual material offering dynamism to the program, along with the convenience of the format of the online modality and with the accompaniment of the most prestigious teaching staff.

Postgraduate Diploma in Maritime Transportation and Ports
TECH Technological University

Grow professionally thanks to this Postgraduate Diploma. Enroll now and make way in an economic sector of great current relevance"

02
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.

"

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

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"

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.

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 Technological University community.

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

04
Objectives

This university program will allow the students to acquire detailed skills, attaching the necessary updates to the profession and the challenges it has in the area of Port Management. In addition, the students will have at their disposal various first level resources, ensuring success in their professional career. At the end of the qualification, the graduates will have nourished their knowledge regarding the evolution of the ships of marine transport, where also stands out BIM technology applied to the ports

With this program you will develop knowledge specialized in concepts like TRAMP traffic and regular lines"

**TECH makes the goals of their students their own goals too
Working together to achieve them**
The **Postgraduate Diploma in Maritime Transportation and Ports** will enable students to:

01 Conceptualizing logistics and placing it in today's economic environment

04 Analyze the general composition of today's intermodal chains

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

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

06   Substantiate the importance of maritime transport in globalization

08   Examine the main maritime traffics and transport vessels

09   Examine the main maritime traffics in more detail

07   Analyze what multimodality is and its role within 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 trends in innovation

12 Delve into the evolution of the logistics function in ports

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

15 Define the different models of port governance of ports

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

18 Define a port model for the future in a context of profound 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

Structure and Content

The Postgraduate Diploma in Maritime Transportation and Ports is a program that is specifically guided to unique knowledge related to the world fleet, Port models according to the flows of goods and the design and redesign of port terminals. In this way, the acquisition of these competences will be executed from a theoretical-practical position together with a wide experience and exclusive knowledge of a respected teaching team in this field of study

"A syllabus developed by a professional team specialized in digital port twins with which you will achieve the objectives more ambitious in the workplace"

Syllabus

This university program seeks to place and position the graduates at the top of the Port Management sector, achieving the best professional positions with the ability to face each of the challenges of their working career. Therefore, this program provides a variety of dynamic and technological academic resources, acquiring unique skills in factors that influence the cost, emissions of maritime transport and public and private ports.

To achieve the objectives proposed in this program, the teaching staff has designed and guided an interesting program that contains 4 modules, so that the students cover and strengthen their vision of knowledge in international trade, ports in the 21st century and the management of the port public domain.

Students will enhance their skills in various areas related to port typology according to the flow of goods, maritime privileges and the *landlord*model and the public domain Moreover, this program integrates a specialized and experienced teaching team, supported by a teaching content of the highest quality and a load of 450 hours that can be distributed in any way to present your sessions at any time.

In this sense, TECH works from the efficiency and excellence, so this program offers the most complete and top level update, positioning its students with the best academic standards at the end of the course. The students will only need an electronic device with good Internet coverage and thus, will easily access the virtual platform from the comfort of the place where they are.

This Postgraduate Diploma takes place over 6 months and is divided into 4 modules.

Module 1	Maritime Transport
Module 2	Ports and Port Terminals
Module 3	Port Governance Models
Module 4	Planning and Development of Infrastructure and Environmental Sustainability

Where, When and How is it Taught?

TECH offers the possibility to develop this Postgraduate Diploma in Maritime Transportation and Ports totally online. Throughout the 6 months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

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

Module 1. Maritime Transport

1.1. Maritime Transport and International Trade
1.1.1. Maritime Transport
1.1.2. International Trade
1.1.3. Maritime traffic
1.1.4. TRAMP traffic and regular lines

1.2. Types of Vessels in Maritime Transport
1.2.2. Types of Vessels in Maritime Transport according to their cargo
1.2.2. Evolution of the maritime transport ships
1.2.3. The Container
  1.2.3.1. Types of maritime containers

1.3. Maritime Transportation Market
1.3.1. Maritime Transportation Market
1.3.2. World fleet
1.3.3. World Shipping Requirement

1.4. Maritime Transportation Costs
1.4.1. Cost distribution
1.4.2. Fixed Costs
1.4.3. Variable Costs
1.4.4. Loading/unloading costs
1.4.5. Factors influencing cost

1.5. Maritime Traffic
1.5.1. Oil traffic
1.5.2. Bulk solids traffic
1.5.3. General cargo

1.6. Maritime Law
1.6.1. Maritime privileges
1.6.2. Ship mortgage
1.6.3. International Maritime Transport Regulations and Conventions

1.7. Contracts for the Operation of the Vessel
1.7.1. Economic operation of the vessel
1.7.2. Bareboat Lease
1.7.3. Chartering
1.7.4. Passenger contract

1.8. Freight Market
1.8.1. Freight Market Evolution
1.8.2. Periods
1.8.3. Supply/Demand

1.9. Marine Accident and Marine Insurance
1.9.1. Accidents in navigation
1.9.2. Types of damage
1.9.3. Marine insurance

1.10. Emissions. International regulation
1.10.1. Emissions from maritime transport
1.10.2. International regulation
1.10.3. Forms of compliance with regulations
  1.10.4. Reduction of CO_2 emissions

Module 2. Ports and Port Terminals

2.1. The Commercial Port. Functions
2.1.1. Functions of a commercial port
2.1.2. Ports and the supply chain
2.1.3. Ports in the 21st century

2.2. Models of Ports according to the flows of goods
2.2.1. Ports as essential nodes of logistics chains
2.2.2. Port typology according to flow freight
2.2.2.1. Import/export ports
2.2.2.2. Hub ports
2.2.3. Adapting to changing trends in the flow of goods

2.3. Port Terminals
2.3.1. Port Specialization
2.3.2. Layout and Areas of a Port Terminal
2.3.3. Typology of port terminals

2.4. Cranes and mechanical means
2.4.1. Cranes for loading and unloading the vessel
2.4.2. Means of transport of cargo in a terminal
2.4.3. Means of handling the load in the courtyard

2.5. Multi-purpose terminals and container terminals
2.5.1. Multi-purpose or multi-purpose terminals
2.5.2. Container terminal
2.5.3. Loading and unloading flow in a container terminal

2.6. Bulk terminals
2.6.1. Solid bulk terminals
2.6.2. Liquid bulk terminals
2.6.3. Special facilities

2.7. Rolling Cargo Terminals
2.7.1. Rolling Cargo Terminals
2.7.2. Containers on platforms with wheels
2.7.3. Automotive

2.8. Passenger terminals and other specialized terminals
2.8.1. Passenger terminals
2.8.2. Sport Marinas
2.8.3. Fishing terminals

2.9. Smart ports and Automation
2.9.1. *Smart Ports*
2.9.2. Digitization
2.9.3. Operational automation

2.10. Latest trends in port innovation
2.10.1. Artificial Intelligence and its application to ports
2.10.2. Simulation based training (SBT)
2.10.3. Digital port twins

Module 3. Port Governance Models

3.1. Port Governance
3.1.1. Port Governance
3.1.2. Evolution of port governance
3.1.3. Port governance
and economic development

3.2. Port governance models
3.2.1. Public and private ports
3.2.2. *Tool ports*
3.2.3. The *landlord port* model

3.3. Trends in port governance
3.3.1. Stabilization of the governance model:
towards a nuanced *landlord*
3.3.2. Vertical and horizontal integration
3.3.3. Control and supervision of competition

3.4. The landlord model and the public domain
3.4.1. The management of the port public domain
3.4.2. Revenue from fees
3.4.3. Revenue from tariffs

3.5. Examples of models of governance in ports
3.5.1. Private ports in the United Kingdom
3.5.2. The *landlord* model in continental Europe
3.5.3. Spanish America. Models in transition

3.6. The port services regime
3.6.1 Nature of service (public, private).
Requirements for the provision of the service
3.6.2. Administrative link /contract, license)
3.6.3. Form or requirements for access to the provision of the service. Concurrence. Limitation of the number of providers

3.7. Coordination of port systems at the country level
3.7.1. Centralized Systems
3.7.2. Decentralized systems
3.7.3. Mixed Systems

3.8. Intra-port governance
3.8.1. Port management
3.8.2. Model organization chart and functional areas
3.8.3. Port planning and operation areas

3.9. Port administration
3.9.1. Economic and financial management
3.9.2. Management of Human Resources
3.9.3. Industrial safety and occupational risk prevention

3.10. Relations between the port with its environment
3.10.1. Port-city interrelations
3.10.2. The urban-port network Urban planning considerations
3.10.3. Institutional activities and collaboration with the environment

Module 4. Planning and Development of Infrastructure and Environmental Sustainability

4.1. Sustainable Port Planning
4.1.1. Legislation: *Fit for 55* and EU ETS
4.1.2. Relations with other continents
4.1.3. Relations with the International Maritime Organisation (IMO)

4.2. Port planning instruments and adaptation to the new climate reality
4.2.1. *Master Plans*
4.2.2. Planning Tools for Infrastructure Development
4.2.3. Port terminal design and redesign: electrification plans
4.2.4. Sustainable port-city relations: Climate change and design of port-city spaces

4.3. Environmental assessment of instruments port planning
4.3.1. Programs for the development of infrastructure
4.3.2. Evaluation of development plans infrastructure
4.3.3. Evaluation of Infrastructure Projects

4.4. Project financing of sustainable development of port infrastructure
4.4.1. The European Investment Bank
4.4.2. The World Bank
4.4.3. The Inter-American Development Bank
4.4.4. International investment funds
4.4.5. Issuance of green bonds

4.5. Ports and coastal erosion: *Working with Nature*
4.5.1. Projects for the preservation of estuaries
4.5.2. Coastal regeneration projects
4.5.3. Projects for the re-use of sediments

4.6. Renewable energy investment projects
4.6.1. Wind power generation projects *on shore* and *off shore*
4.6.2. Photovoltaic energy projects *on shore* and *off shore*
4.6.3. Other renewable energy sources

4.7. Assessment of the profitability of investment projects. MEIPORT methodology
4.7.1. Analysis of the project context and objectives
4.7.2. Analysis of Alternatives
4.7.3. Project definition
4.7.4. Financial Analysis
4.7.5. Economic Analysis
4.7.6. Sensitivity and risk analysis

4.8. Applied BIM technology to ports
4.8.1. Design of port terminals
4.8.2. Design of dock electrification projects
4.8.3. Design of access projects land to ports

4.9. Monitoring instruments and protection of the marine environment
4.9.1. Measuring nets: buoys, tide gauges and high frequency radar
4.9.2. Elements for maritime climate prediction and change scenarios
4.9.3. Projects

4.10. Blue Economy
4.10.1. Blue Economy Dimensions
4.10.2. Projects for the preservation of marine ecosystems
4.10.3. Ports and climate research centres and marine: towards a long-term relationship

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 Diploma is aimed at University Graduates, Postgraduates and Degree holders who have previously completed any of the following programs in the field of of Business Sciences, Civil or Naval Engineering.

The diversity of participants with different academic profiles and from multiple nationalities makes up the multidisciplinary approach of this program.

The Postgraduate Diploma is also open to professionals who, being university graduates in any area, have two years of work experience in the field of Port Management.
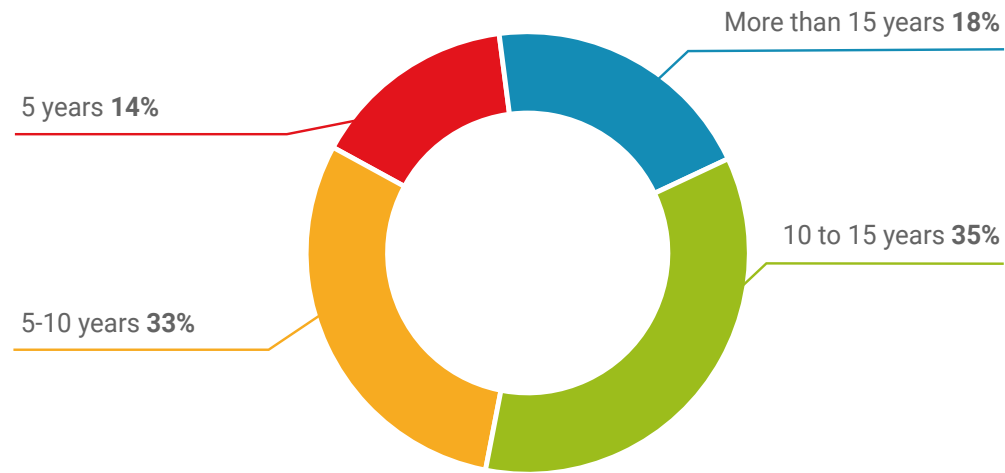
"If you have experience in Maritime Transport and you are looking for an interesting improvement in your career while continuing to work, this is the program for you"
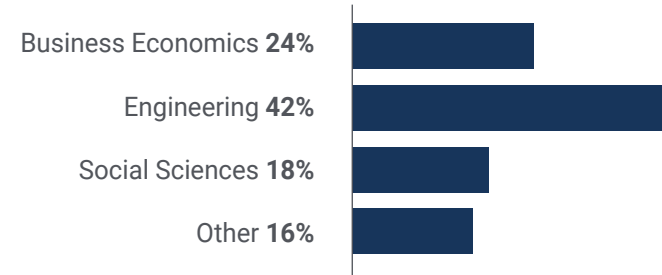
Average Age

Between **30** and **45** years old

Years of Experience

More than 15 years **18%**

5 years **14%**

10 to 15 years **35%**

5-10 years **33%**

Education

Business Economics **24%**

Engineering **42%**

Social Sciences **18%**

Other **16%**

Academic Profile

Industry **39%**

Administration **24%**

Transportation **27%**

Other **10%**
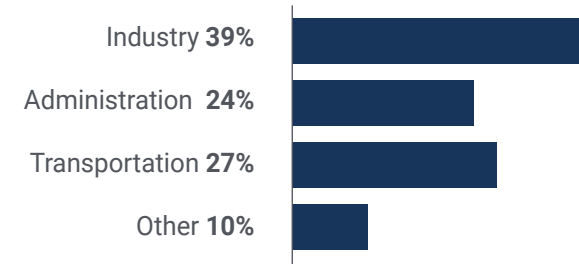
Geographical Distribution

USA **14%**
Spain **42%**
Mexico **33%**
Colombia **11%**
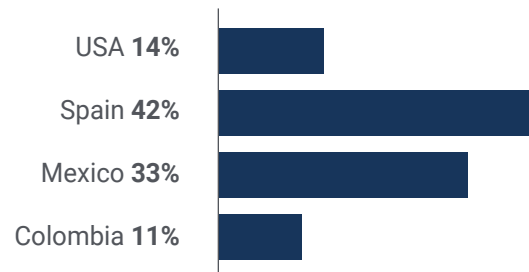
Sara María Urquiza

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

TECH is at the forefront of education, offering the highest level of teaching for students who take its programs with the support of didactic tools them to carry out that successfully achieve the development of each of its programs. In this way, the graduates will have access to a series of materials created by a teaching body specialized in port facility security, intelligence analysis and port facility security and consulting and technology solutions applied to transport sectors. Their robust experience and extensive background in the industry will , allow them to resolve doubts or answer questions that arise during the course of the program

If you want to succeed, do it with the best and acquire the necessary skills to excel in the Maritime Transport and Ports sector"

Management

Mr. López Rodríguez, Armando

- Head of Technical Advisory Area in the Office of the President of State Ports
- Head of Strategic Planning Area at State Ports
- Project Manager at State Ports
- Head of the Resources and Information and Communications Technology Area at State Ports
- Head of the Development Area in State Ports
- Head of Corporate Relations Area in State Ports
- Head of Strategic Planning Area at State Ports
- Associate Professor at the School of Industrial Organization
- AENOR Associate Professor
- Associate Professor at UBT Lab
- Telecommunications Engineer from Universidad Politécnica de Madrid
- Degree in History from the National University of Distance Education (UNED)
- PhD in History from the National University of Distance Education (UNED)
- Professional Master's Degree in Advanced Methods and Techniques of Historical, Artistic and Geographical Research from the National Distance Education University (UNED)
- Management Development Program (PDD) from the IESE of the University of Navarra

Professors

Dr. López Ansorena, César
- Postgraduate Diploma in Port Management
- Port Facility Security Officer by competent authority in the field of maritime security
- Director of Private Security recognized by the Ministry of the Interio
- PhD in Civil Engineering Systems (Land and Environment Program) with Outstanding Cum Laude from the Polytechnic University of Madrid
- Civil Engineer from the Polytechnic University of Madrid
- Professional Master's Degree in Intelligence Analysis

Ms. Ana María García
- Chief Advisor to the Presidency of ESPO
- Head of State Port Planning Area
- Head of Human Resources Development in Ports of the State
- Transport and Industry Business Development Manager at Indra
- Head of the Technical Department of Commercial and Marketing in Ports of the State
- Professor of the Professional Master's Degree of Port Management and Planning and Intermodality
- Degree in Psychology Specialty Psychology of Work and Organizations from the Pontifical University of Comillas (ICAI-ICADE) and Complutense University of Madrid
- Professional Master's Degree in Business Administration, IESE, from the University of Navarre
- Leadership Program in Public Management, IESE, by the University of Navarra
- Member of: Port Governance Committee and Member of the General State Administration in the Port Authorities of Motril, Vigo, Gijón, A Coruña, Alicante, Tenerife and Cartagena

Mr. Muriente Núñez, Carlos
- Naval and Oceanic Engineer at Alten Spain
- Degree in Naval Architecture, Polytechnic University of Madrid
- Master's Degree in Naval and Ocean Engineering, Polytechnic University of Madrid
- Professional Master's Degree in Renewable Energies from TECH Technological University of Madrid
- Course on Future in Materials of the Future in Industry, Construction and Technology by the Polytechnic University of Madrid

Impact on Your Career

This Postgraduate Diploma has been developed with the purpose of giving the students the necessary knowledge to face the different challenges of the port sector. Likewise, TECH is excellence and efficiency achieving that students have the guarantee of acquiring a specialized apprenticeship in sustainable port planning and the blue economy

"
Sensitivity and risk analysis is one of the skills that you will undoubtedly master at the end of this Postgraduate Diploma"

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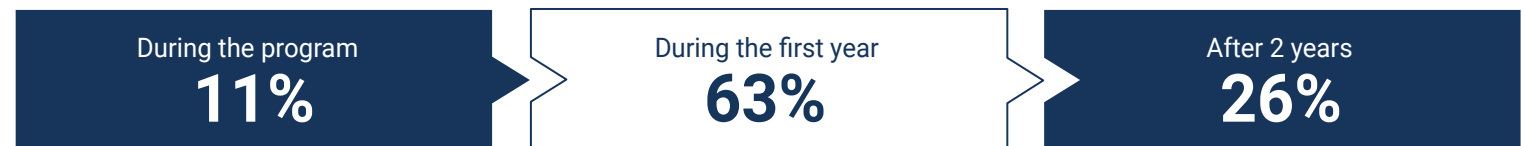## Excellent professional development awaits you

The Postgraduate Diploma in Maritime Transport and Ports of TECH is an intensive program that prepares you to face challenges and business decisions in the field of Port Management.

The main objective is to promote your personal and professional growth. Helping you achieve success.

With this program you will develop a specialized knowledge in concepts of Maritime Transport and Ports.

At TECH you'll be able to expand your skills in ports and coastal erosion.

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%**
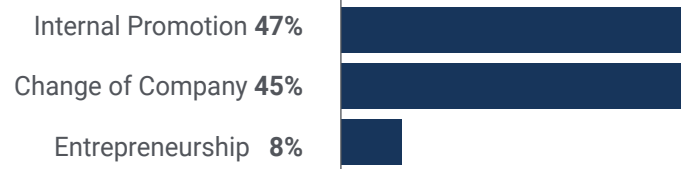
Salary increase

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

Salary before	A salary increase of	Salary after
€60,000	**25%**	**€72,000**

10

Benefits for Your Company

This program contributes to raising the talent of the organization to its full potential through the instruction of high-level leaders.

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

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

05

Project Development

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

06

Increased competitiveness

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

11
Certificate

The Postgraduate Diploma in Maritime Transportation and Ports guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

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

This **Postgraduate Diploma in Maritime Transportation and Ports** 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 Diploma** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Diploma in Maritime Transportation and Ports**

Official No. of Hours: **600 h.**

tech technological university

Awards the following

DIPLOMA

to

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

POSTGRADUATE DIPLOMA

in

Maritime Transportation and Ports

This is a qualification awarded by this University, equivalent to 600 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

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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

Postgraduate Diploma
Maritime Transportation and Ports

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Technological University**
- » Dedication: **16h week**
- » Schedule: **at your own pace**
- » Tests: **online**

Postgraduate Diploma
Maritime Transportation and Ports

tech *technological university*