Postgraduate Certificate

Maritime and Port Safety and Security

tech *technological university*

Postgraduate Certificate
Maritime and Port Safety and Security

» Modality: **online**
» Duration: **6 weeks**
» Certificate: **TECH Technological University**
» Dedication: **16h/week**
» Schedule: **at your own pace**
» Exams: **online**
» Aimed at: **University Graduates, Graduates and Undergraduates who have previously completed any of the degrees in the fields of Social and Legal Sciences, Administrative and Business Sciences.**

Website: **www.techtitute.com/in/school-of-business/postgraduate-certificate/maritime-port-safety-security**

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01
Welcome

Maritime security has increased thanks to improvements in port infrastructures, in addition to the regulations imposed to improve the transport of goods, avoiding losses that harm companies. For this reason, companies are currently looking for expert professionals trained in this area of knowledge. Negotiators have delved deeply into this field of study, managing to find protection strategies in ship operations. In this sense, this program has been created, which will provide exclusive content regarding potential threats to port infrastructure. All this supported with the innovative Relearning modality and with 150 hours of the best content selected by experts in Maritime Security.

Postgraduate Certificate in Maritime and Port Safety and Security
TECH Technological University

Thanks to this Postgraduate Certificate you will explore risk mitigation strategies and protection plans"

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.

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"

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.

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 Technological University community.

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

04
Objectives

This program in Maritime and Port Safety and Security will provide the negotiator with important novelties highlighting the security procedures in the handling and transport of goods within the field of Port Management. In this sense, TECH provides technological resources for academic learning, guaranteeing the successful development of the program. In this way, at the end of the course, students will have acquired substantial skills in communication strategies in crisis situations.

tech

You will have at your fingertips multiple contents that will help you to continue growing in the Port Management sector"

TECH makes the goals of their students their own goals too
Working together to achieve them
The **Postgraduate Certificate in Maritime and Port Safety and Security** qualifies students to:

01 Conceptualizing logistics and placing it in today's 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 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 Update the student's knowledge in the field of multimodal transport

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

05
Structure and Content

The Maritime and Port Safety and Security program is a qualification that focuses specifically on competencies related to public and private security management. As such, this academic program is a theoretical-practical structure accompanied by the extensive experience of a highly qualified teaching staff.

You will have access to advanced content on Artificial Intelligence and data analysis, as well as dozens of hours of multidisciplinary material to expand each section"

Syllabus

This academic program integrates 6 weeks of continuous learning, where the students will undoubtedly reach the pinnacle of their professional career through a top-level education. In this way, the graduates will be able to apply to the best and most important positions in the business field, facing with solidity the challenges imposed by the work environment. Therefore, this program facilitates a variety of skills related to coordination with public safety agencies.

In addition, this faculty has created a highly regarded syllabus containing 1 module to provide the professional with current knowledge related to the identification of threats and vulnerabilities.

In this way, the graduates of this Postgraduate Certificate will be introduced to the prevention of industrial accidents in the area of Port Management. In this way, the professionals will be among the most complete specialists in Maritime Safety, with emphasis on norms, regulations and international standards.

In this sense, TECH focuses on efficiency and dynamism, which is why this program provides the most recent innovations in the sector, positioning its students at the academic top at the end of this course. Therefore, the professionals will only need an electronic device with Internet coverage, being able to access without any problem to the virtual platform from the comfort of the place where they are.

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

Module 1	Port Security and Security

Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Maritime and Port Safety and Security completely 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.

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

Module 1. Port Security and Security

1.1. Port Security

1.1.1. Port Security
1.1.2. Safety and security
1.1.3. Regulations and international standards

1.2. Technological and Industrial Safety in Ports

1.2.1. Management of dangerous goods
1.2.2. Prevention of industrial accidents
1.2.3. Safety procedures in the handling and transport of goods

1.3. Port security Planning for the safety

1.3.1. Threat identification and vulnerabilities
1.3.2. Risk analysis and assessment protective
1.3.3. Risk mitigation strategies. Protection plans

1.4. Physical and electronic protection

1.4.1. Design of physical protection systems
1.4.2. Access control and monitoring
1.4.3. Security technologies in ports

1.5. Logical and cyber security in ports

1.5.1. Cyber threats and specific vulnerabilities
1.5.2. Strategies for port cybersecurity
1.5.3. Responding to cyber incidents

1.6. Crisis and Emergency Management

1.6.1. Emergency response planning
1.6.2. Coordination with agencies public safety
1.6.3. Simulations and response exercises

1.7. Relations with the Community and Communication in Crisis

1.7.1. Importance of communication with the community
1.7.2. Communication strategies in crisis situations
1.7.3. Corporate social responsibility in ports

1.8. Management of a Department security

1.8.1. Management of public and private security
1.8.2. Safety planning
1.8.2. Material Resources
1.8.3. Human resources management and training

1.9. Prevention and Protection

1.9.1. Recommendations for antisocial risks
1.9.2. Recommendations against risk of fire
1.9.3. Recommendations for occupational risks

1.10. Innovation and the Future of Port Security

1.10.1. Technological trends in port security
1.10.2. Artificial intelligence and data analysis
1.10.3. Preparation for future challenges

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.
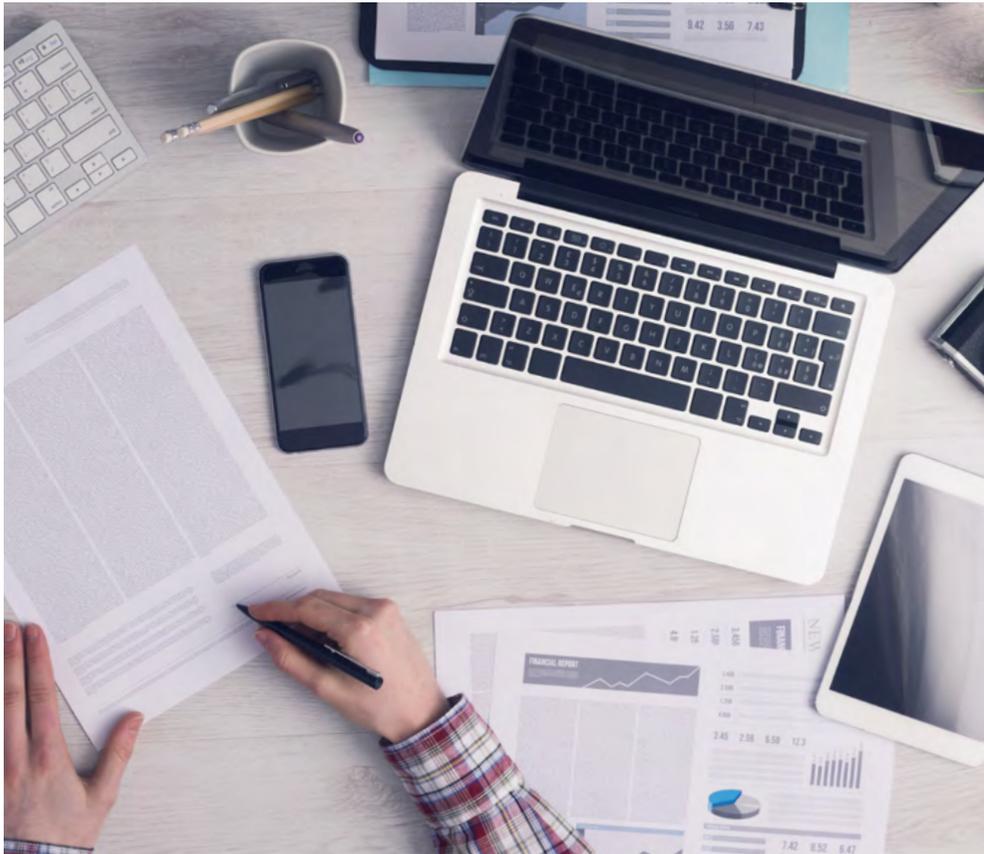
A learning method that is different and innovative

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%
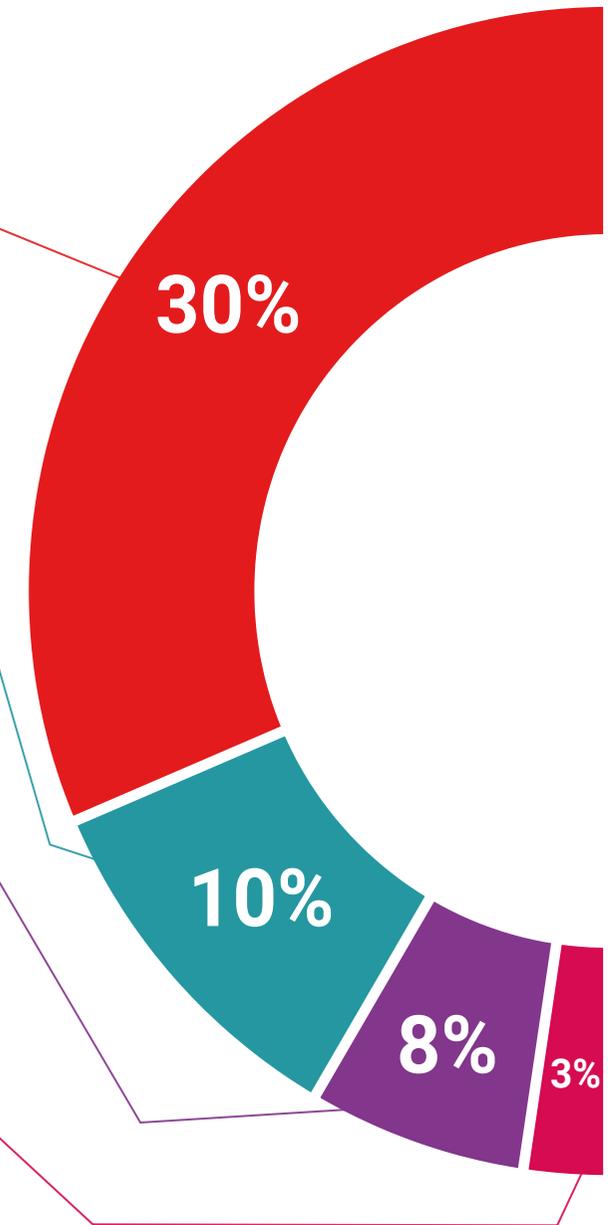
Case Studies

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 program is aimed at university graduates and postgraduates who have previously completed any of the following qualifications in the fields of Social and Legal Sciences, Administration and Economics.

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

The program is also open to professionals who, being university graduates in any area, have two years of work experience in the field of Advertising Management.

With TECH and this Postgraduate Certificate you will be aware of the most recent updates in the field of Port Management"

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%**
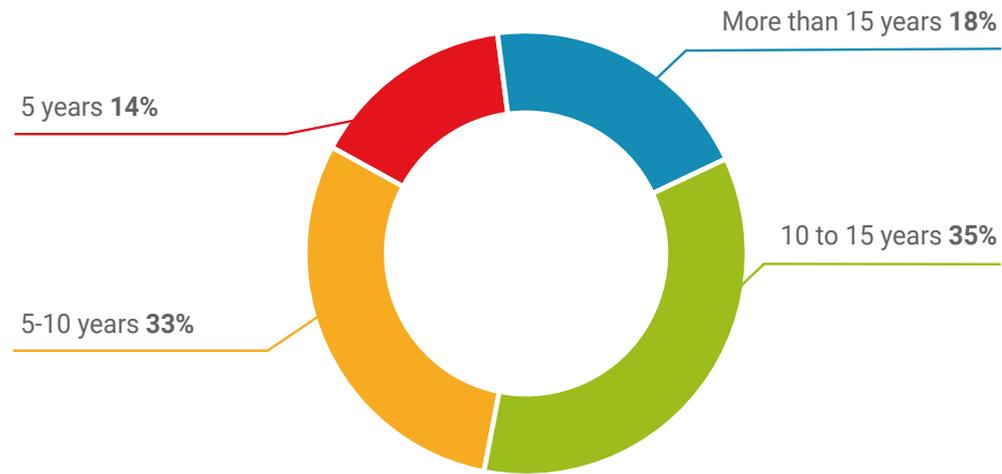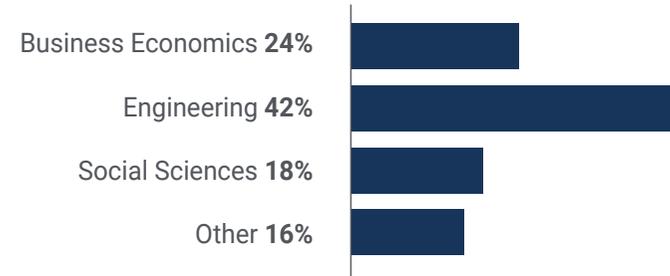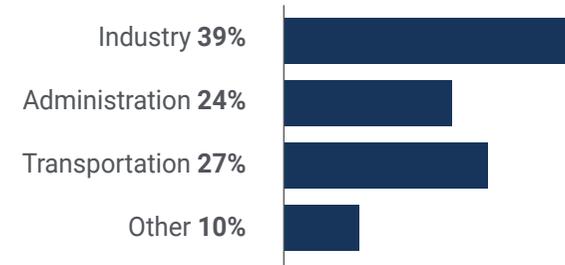
Geographical Distribution

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

Spain **42%**

Mexico **33%**

Colombia **11%**
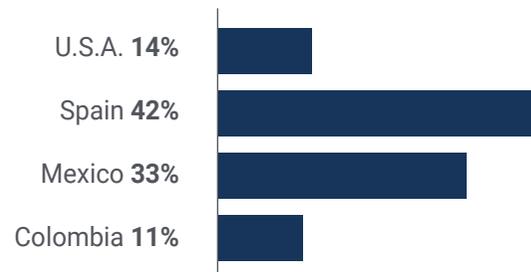
Sara María Urquiza

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

TECH emphasizes excellence, which is why it provides an elite education for the professionals who attend its academic programs, supported by didactic resources successfully developing each of its qualifications. Likewise, the graduates will have access to a syllabus designed by specialists in Civil Engineering, infrastructure and planning. Their vast experience and extensive background in this field of study will allow the professionals to rigorously face the different situations and challenges that arise in the process of the Postgraduate Certificate.

TECH integrates a professional team of the highest level and specialized in port security technologies"

Management

Mr. López Rodríguez, Armando

- Technical Consultancy Area Head in the Office of the President of Puertos del Estado
- Head of Strategic Planning Area in Puertos del Estado
- Project Manager at Puertos del Estado
- Head of the Resources and Information and Communications Technology Area at Puertos del Estado
- Head of the Development Area in Puertos del Estado
- Head of Corporate Relations Area in Puertos del Estado
- Head of Strategic Planning Area in Puertos del Estado
- Associate Professor at the School of Industrial Organization
- AENOR Associate Professor
- Associate Professor at UBT Lab
- Telecommunications Engineer from Polytechnic University of 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)
- Postgraduate Certificate in 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

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

Impact on Your Career

This university program has been developed with the purpose of providing the professionals with the most essential and necessary competencies that will lead them to rigorously assume the challenges that revolve around the business and maritime fields. For this reason, TECH emphasizes on providing the highest level of learning, where it prioritizes excellence in each of its programs, guaranteeing an education of the highest academic standards.

TECH implements in this program the 100% online modality, giving you the flexibility you need: no schedules or face-to-face classes"

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

TECH's Postgraduate Certificate in Maritime and Port Safety and Security 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.

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.

This is a program designed with a focus on simulations and response exercises and designed for you to project your career towards success. Are you going to let this opportunity pass by?

You will have at your fingertips multiple resources that will help you continue to grow in the field of Port Management.

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%**	▇
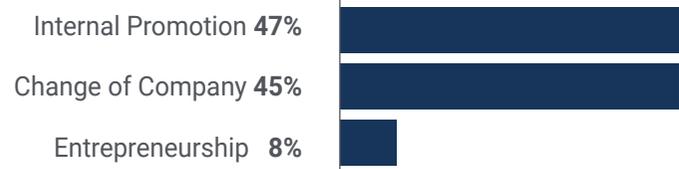
Salary increase

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 elevating the organization's talent to its maximum 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 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.

03

Building agents of change

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

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.

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 Certificate in Maritime and Port Safety and Security guarantees students, in addition to the most rigorous and up-to-date education, access to an Postgraduate Certificate 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 Certificate in Maritime and Port Safety and Security** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Certificate in Maritime and Port Safety and Security**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following

CERTIFICATE

to

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

POSTGRADUATE CERTIFICATE

in

Maritime and Port Safety and Security

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

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

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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

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