Postgraduate Certificate
Port General Aspects and Organization

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Postgraduate Certificate
Port General Aspects and Organization

» Modality: **online**
» Duration: **6 weeks**
» Certificate: **TECH Technological University**
» Dedication: **16h/week**
» Schedule: **at your own pace**
» Exams: **online**

Website: **www.techtitute.com/in/engineering/postgraduate-certificate/port-general-aspects-organization**

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01
Introduction

Working in port infrastructures requires an in-depth knowledge of the different agents that make up the port community, as well as a broader vision of port management, operation and maintenance. This program offers, in a single learning path, a complete approach to all the issues necessary to act safely. With a teaching staff of specialists in the subject, it is a first-class opportunity to bring the professional up to date in this area of work.

"*Learn the basics and developments of port organization in an intensive and stimulating Postgraduate Certificate that will make you grow in your profession*"

Due to the globalization of the economy, logistics, which has become the competitive engine for trade and industry, is reducing the time and cost of transportation and evolving in ways that increasingly reduce negative environmental and social impacts.

Maritime transport and ports play a fundamental role in the logistics and sustainable development of the regions affected by their area of influence or hinterland.

The Postgraduate Certificate also develops the points for instrumentation, monitoring and inspection required for the maintenance and conservation of the different structural elements that make up the ports; as well as the different repair and conservation actions required.

This **Postgraduate Certificate in Port General Aspects and Organization** contains the most complete and up-to-date program on the market. Its most notable features are:

- The development of case studies presented by experts in Mechanical Engineering

- The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional development

- Practical exercises where self-assessment can be used to improve learning

- Its special emphasis on innovative methodologies in Mechanical Engineering

- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments

- Content that is accessible from any fixed or portable device with an Internet connection

A Postgraduate Certificate oriented to the practical materialization of the learning that will give you the most up-to-date vision on the conditioning factors of the work in the port organization"

This program has the best educational resources that can be accessed online or downloaded, to make it easier for you to manage your studies and effort.

A quality program that will allow you not only to follow the specialization, but also to have complementary support and information banks available"

A highly comprehensive program, created with the objective of delivering the highest quality education, focused on raising our students to the highest level of proficiency.

Its teaching staff includes professionals from the field of civil engineering, who contribute their work experience to this program, as well as renowned specialists from reference societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive program designed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system developed by renowned and experienced experts in Port Infrastructures.

02
Objectives

The objectives of this Postgraduate Certificate have been established based on realistic and necessary goals for the professional in the sector. Gradually, you will be able to check your learning and your progress in the mastery of the contents so that, at the end, you will have achieved a complete process of professional growth.

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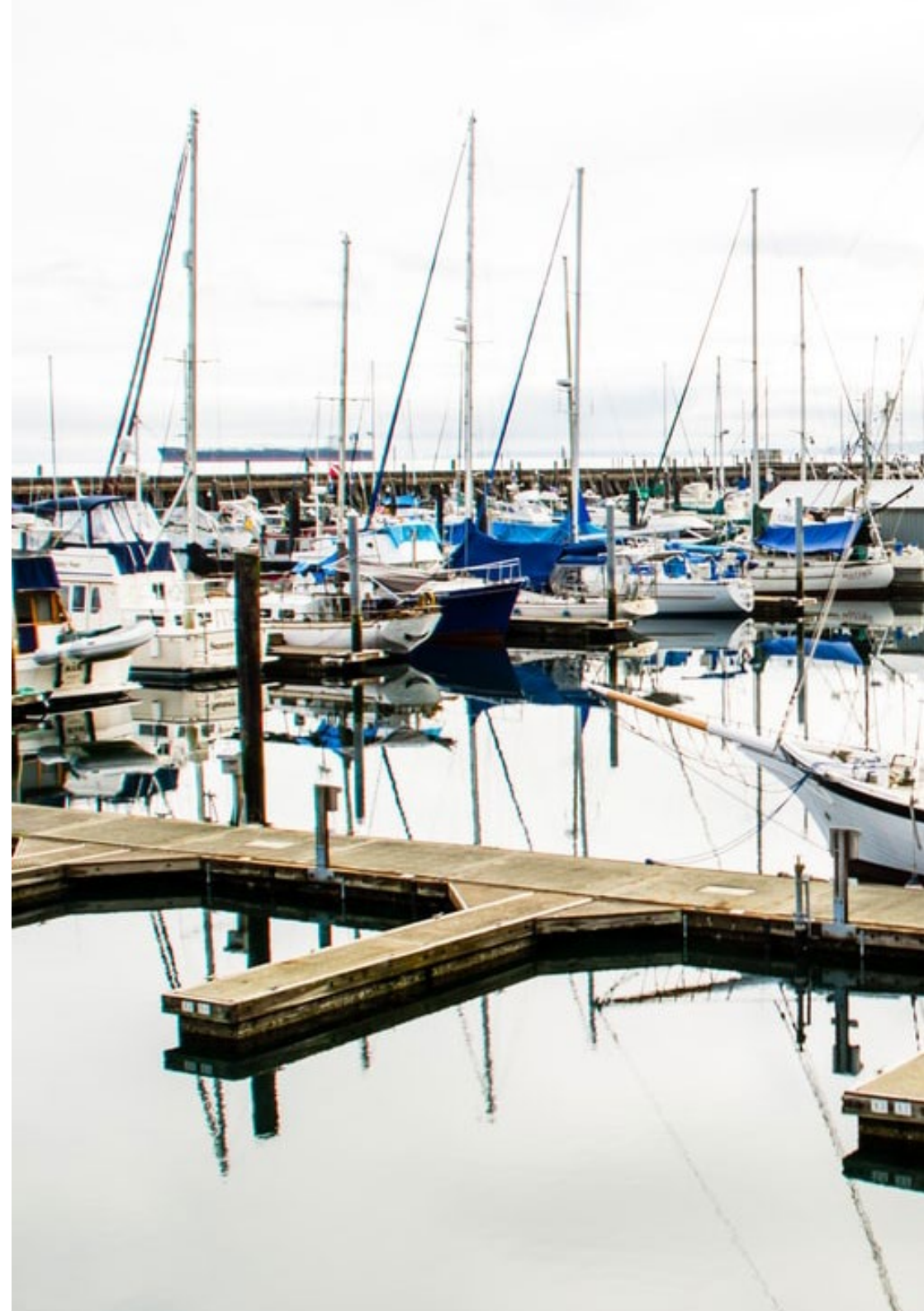*Realistic, achievable and high-impact
goals for your professional development"*

General Objective

♦ Create future professionals capable of addressing actions and solutions in the field of port infrastructures, from a multidisciplinary perspective and based on the investigation of the design of maritime works and the elements that influence it

"

A stimulating professional growth journey designed to keep you interested and motivated throughout the program"

Specific Objectives

◆ Understand the role of logistics and the importance of the ports

◆ Delve into the different agents comprising the port community

◆ Delve into the role of port authorities and become familiar with their functions and classifications

◆ Have a global vision of port management, operation and maintenance of port infrastructures

◆ Delve into the different elements for the instrumentation and monitoring of maritime works

◆ Analyze the required inspections in time and form of the different elements of the port works

◆ In-depth knowledge of the ability to undertake a conservation or repair project for any port infrastructure

03
Course Management

Within the quality criteria that we apply in all our programs, this Postgraduate Certificate offers you the opportunity to learn from the best, with a teaching faculty made up of professionals in the sector who will invest their theoretical and practical knowledge to take you to the highest level of proficiency. With the latest and most effective teaching methods on the online teaching market.

"
Learn with the best and acquire the knowledge and skills you need to intervene in this area of development with total success"

Management

Professor. Angulo Vedriel, Rafael

- Positions: Civil Engineer
- Master's Degree studies in Civil Engineering
- Ph.D. in Civil Engineering
- Project manager and Design Manager both in Spain and on secondment in Latam, Middle East and Southeast Asia
- PMP © certification for project management

04
Structure and Content

The syllabus of the Postgraduate Certificate is configured as a complete tour through each and every one of the elements required to understand and assume the ways of working in this field. With an approach focused on practical application that will help you grow as a professional from the very first moment.
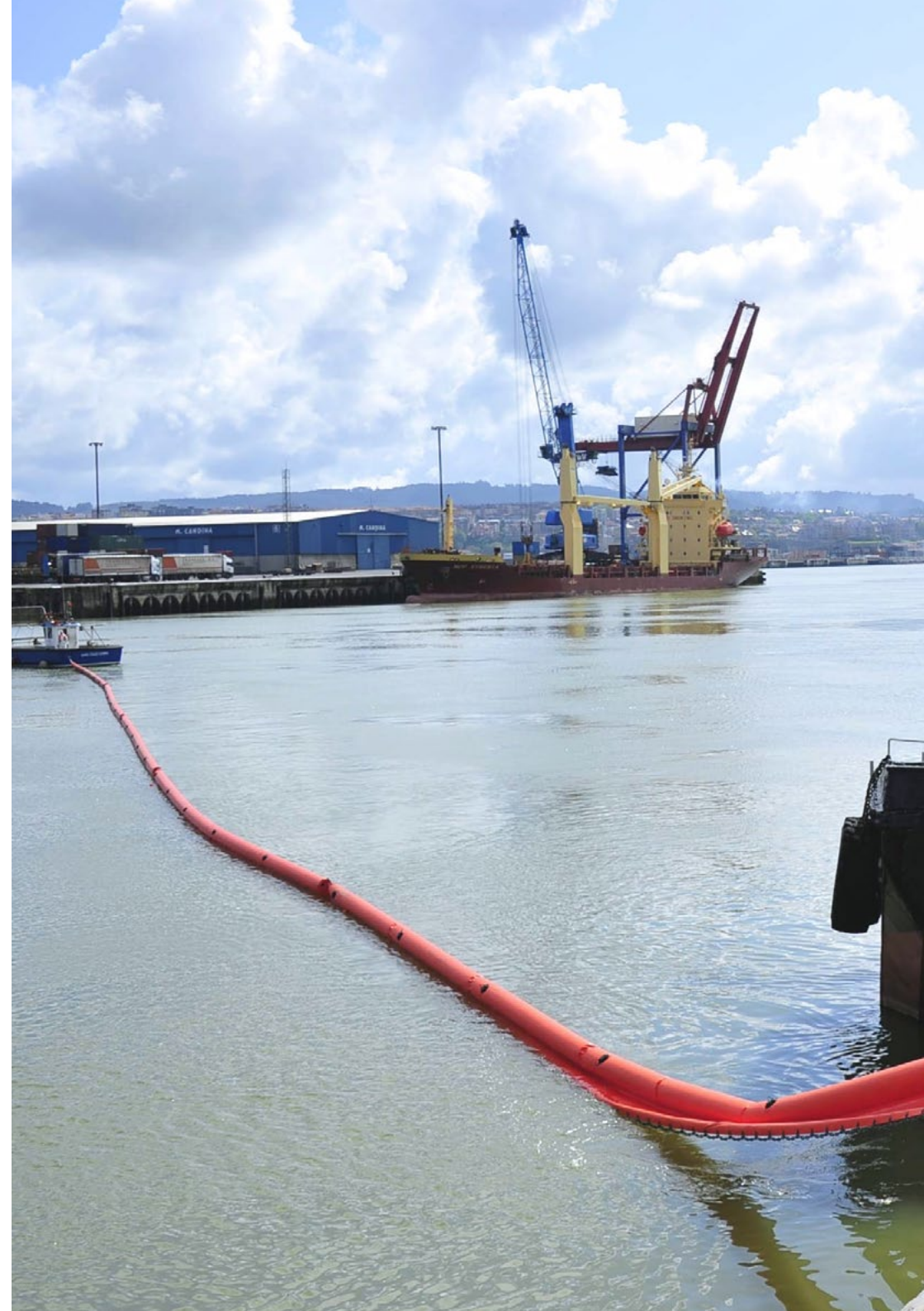
A comprehensive syllabus focused on acquiring knowledge and converting it into real skills, created to propel you to excellence"

A comprehensive and multidisciplinary program that will allow you to excel in your career, following the latest advances in the field of Civil Engineering"

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

"

At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

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

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

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

In 2019, we obtained the best learning results of all online universities in the world.

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

30%

10%

8%

20%

25%

4%

3%

Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

06
Certificate

The Postgraduate Certificate in Port General Aspects and Organization guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate 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 Port General Aspects and Organization** 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 Port General Aspects and Organization**

Official Nº of Hours: **150 h.**

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

POSTGRADUATE CERTIFICATE
in

Port General Aspects and Organization

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

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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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