Postgraduate Certificate

Communication and Quality Management in Construction Project Management

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Postgraduate Certificate
Communication and Quality Management in Construction Project Management

» 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/communication-quality-management-construction-project-management**

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01
Introduction

Specialize in communications and quality management and become a Project Manager in the construction area of large-scale projects with this complete TECH program. In this way, through this complete specialization, the engineer will be able to position themselves within the sector and acquire the necessary skills to lead a given project, having full knowledge of key aspects such as quality control and management.

Become a successful Project Manager capable of managing communication and quality on construction projects with this TECH Postgraduate Certificate"

In this Postgraduate Certificate, the engineer will deepen their knowledge of the management carried out by a project manager in key aspects of project development such as communication and quality management.

In this regard, the importance of quality control and management will be analyzed, as well as the cost of poor project quality. In addition, there will be an exhaustive review of communications and the importance of good record keeping.

All this will ensure that, at the end of the Postgraduate Certificate, the professional will have the necessary in-depth knowledge to work as a project manager managing quality, communications and possible disagreements that may arise in the development of a project.

This will be achieved through a 100% online training program that provides the student with the ease of being able to take it wherever and whenever they want. The only thing that students need is a device with internet access and they will be able to access a universe of knowledge that will be the main basis for these engineers to position themselves in a sector that is increasingly demanded by companies in various sectors.

This **Postgraduate Certificate in Communication and Quality Management in Construction Project Management** contains the most complete and up-to-date educational program on the market. The most important features of the program include:

- Practical cases presented by experts in Construction Project Management
- The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used to improve learning
- Special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

Thanks to this program, you will be able to position yourself in a sector that is requiring more and more engineers who are experts in this subject"

"You will have access to not only the best didactic material, but also the best teaching staff on the international scene"

The skills you will acquire will enable you to manage projects in a comprehensive manner and position yourself as a prestigious professional.

An online training that will allow you to study wherever and whenever you want.

The program's teaching staff includes professionals from the sector who contribute their work experience to this specialization program, as well as renowned specialists from leading societies and prestigious universities.

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

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

02
Objectives

Through this training, engineering professionals will acquire the necessary knowledge to work in large construction projects at a national and international level, taking into consideration all the necessary aspects to manage the work efficiently, having in-depth knowledge of quality management and communication. All of this, with the security and efficiency of a Postgraduate Certificate created to motivate professionals in Project Management, from a global perspective that includes each and every one of the areas that are involved in the development of the work.

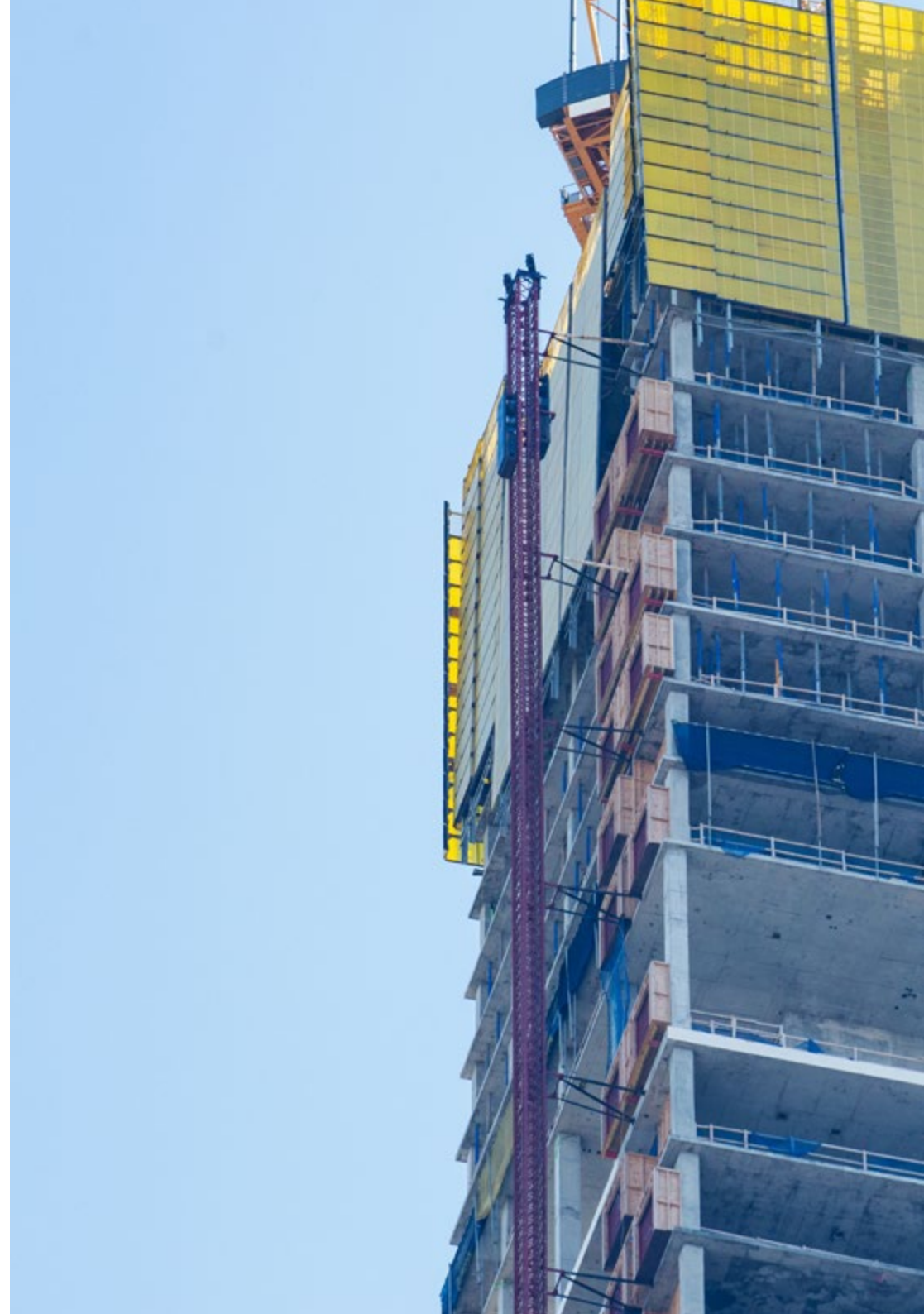*Achieve your professional goals by studying in a prestigioous university like this one"*

General Objectives

- Carry out an exhaustive analysis of EPC projects
- Manage the different stages of EPC projects
- Carry out cost, time and resources analysis
- Gain solid knowledge of the integration phases of a project
- Manage a project with a global, interdepartmental vision
- Be able to analyze the earned value of projects

Welcome to the university that really cares about you achieving your goals"
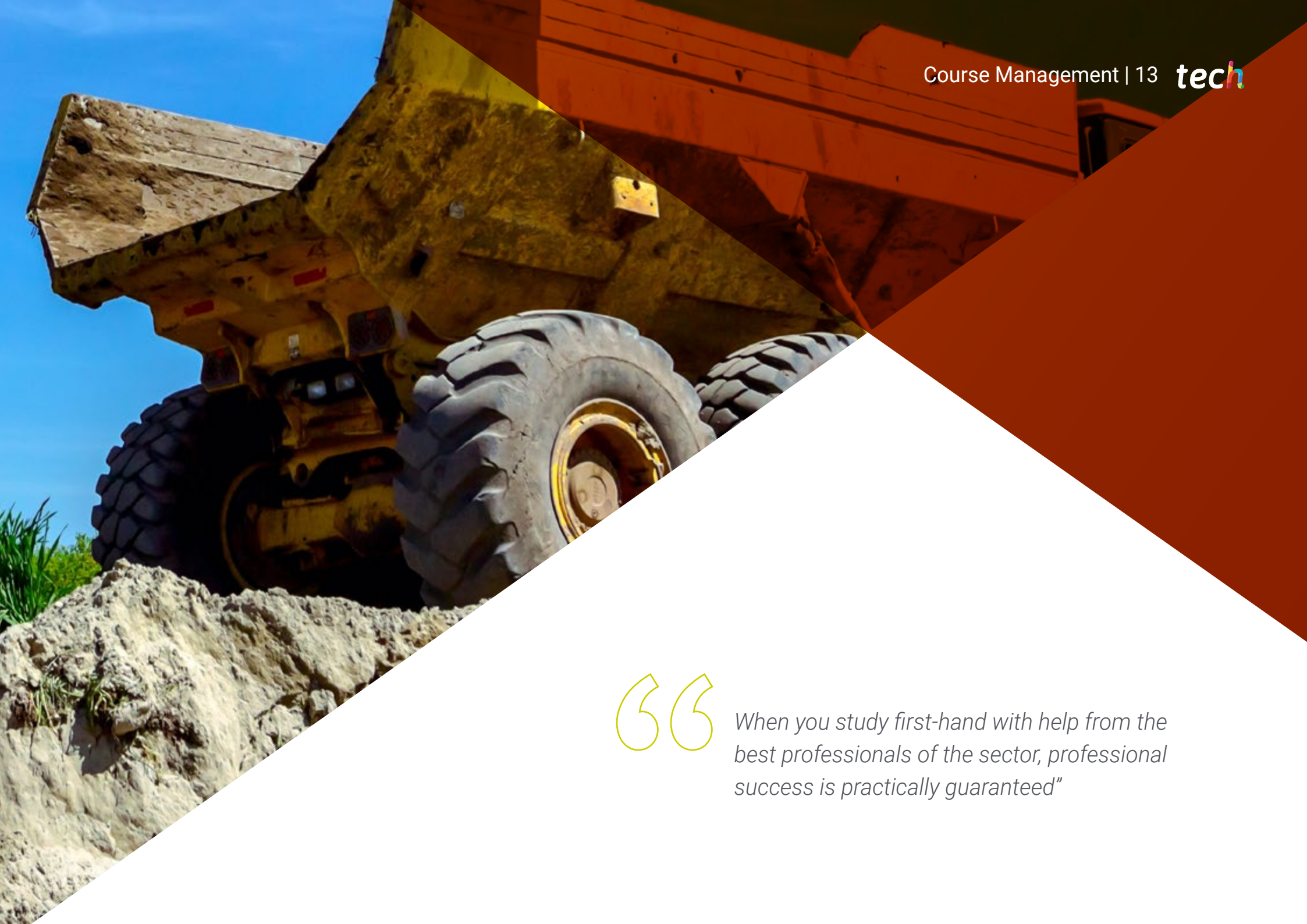
Specific Objectives

- Ability to manage the quality of a project
- In-depth knowledge of the importance of quality
- Analysis of possible nonconformities
- Ability to control stakeholders
- Analysis of the importance of controlling stakeholders
- In-depth knowledge on integration management
- In-depth knowledge on integration control

03

Course Management

One of the most effective ways to train students is to provide them with quality information created and designed by the best experts in the industry. In this sense, this Postgraduate Certificate in Communication and Quality Management in Construction Project Management is taught by highly prestigious professionals in this field, who bring the experience of their years of work to the training, as well as the knowledge they have acquired from research in the field. All to provide the engineer with a high-level program, which will enable them to practice in national and international environments with greater guarantees of success.

When you study first-hand with help from the best professionals of the sector, professional success is practically guaranteed"

Management

Mr. Ruiz Cid, Martin Joaquín

- Technical Director EPC Project Group - EPC Project Manager Leader at Soltec Energías
- Industrial Technical Engineer specializing in Mechanics/Structures from the Polytechnic University of Cartagena.
- Industrial Engineer in Electricity from the Polytechnic University of Cartagena.
- Master's Degree in Power Electronics and Adaptive Control
- MBA in Strategic Company Management from UNED (National Distance Learning University)
- Master's Degree in Renewable Energies and the Environment
- Professional Project Manager Course
- EPC Turnkey Project Management Course
- Industrial Instrumentation Course

04
Structure and Content

The syllabus has been built based on the intensive and high-impact specialization requirements of this Postgraduate Certificate. Through a complete course, which incorporates all the key aspects for carrying out the successful management of construction projects, the student will develop their theoretical and practical knowledge, achieving professional and personal growth that will allow them to intervene in this field of work with the confidence of an expert. You will achieve this through top-notch content designed by the best professionals in the industry.

Quality content that will open doors to a promising future"

Module 1. Project Management: Communication and Quality Management

1.1.   Communication Management
      1.1.1.   Communication in a Project
      1.1.2.   Project Communication Dimensions
      1.1.3.   Communication Skills

1.2.   Communication in a Project
      1.2.1.   Communication in Meetings
      1.2.2.   Project Communication Channels
      1.2.3.   Formal Ways of Communcation

1.3.   Communication Management
      1.3.1.   Planning of Communication Management
      1.3.2.   Project Communication Management
      1.3.3.   Control

1.4.   Project Quality Management
      1.4.1.   Quality in the Project
      1.4.2.   Project Quality Cost
      1.4.3.   Importance of Quality

1.5.   Project Quality Management
      1.5.1.   Planning of Quality Management
      1.5.2.   Quality Management
      1.5.3.   Control

1.6.   Quality: Non-Conformities in the Project
      1.6.1.   The Importance of NC
      1.6.2.   Non-Conformities of the Client
      1.6.3.   Non-Conformities of the Contractor

1.7.   Project Stakeholder Management
      1.7.1.   Stakeholder Expectation Management
      1.7.2.   Interpersonal and Teamwork Skills
      1.7.3.   Conflict Management

Don't miss the great opportunity and become a successful engineer by studying this complete training program"

05
Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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

Case Study to contextualize all content

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

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

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

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

A learning method that is different and innovative

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

❝

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

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

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

Relearning Methodology

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

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

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

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

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

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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

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

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

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

This program offers the best educational material, prepared with professionals in mind:

Study Material

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

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

Classes

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

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

Practising Skills and Abilities

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

Additional Reading

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

30%

10%

8%

20%

25%

4%

3%

Case Studies

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

Interactive Summaries

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

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

Testing & Retesting

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

06
Certificate

The Postgraduate Certificate in Communication and Quality Management in Construction Project Management guarantees, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.

Successfully complete this training program and receive your university certificate without travel or laborious paperwork"

This **Postgraduate Certificate in Communication and Quality Management in Construction Project Management** 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 Communication and Quality Management in Construction Project Management**

Official N° 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
Communication and Quality Management in Construction Project Management

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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