

# Postgraduate Diploma Programming and Costing of a Technology Project



## Postgraduate Diploma Programming and Costing of a Technology Project

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 24 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-programming-costing-technology-project](http://www.techtute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-programming-costing-technology-project)

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# 01

# Welcome

Currently, Technological Projects are present in most sectors and companies, and require the management of a leader for their proper functioning. The high competitiveness among companies forces the responsible agents to adapt to the continuous technological advances in order to stand out and prosper with all the guarantees of success. Therefore, this specialized program in programming and costs will provide students with the indispensable knowledge and the most complete syllabus on the market to succeed as a manager in any work environment related to the technological field, from a global and up-to-date perspective.



Postgraduate Diploma in Programming and Costing of a Technology Project.  
TECH Global University





“

*Master the fronts that arise when managing  
Technology Projects and successfully establish  
their scheduling and costing"*

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 centre for intensive managerial skills training.



“

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

## At TECH Global University



### Innovation

The university offers an online learning model that combines 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.

**100,000+**  
executives trained 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

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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 studies in the academic community"*



### Analysis

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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 (a postgraduate learning methodology with the highest international rating) with the Case Study. A complex balance between tradition and state-of-the-art, within the context of the most demanding academic 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 groundbreaking 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 training of the highest academic level"*

This program will provide students with a multitude of professional and personal advantages, particularly the following:

**01**

### A significant career boost

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 participants achieve positive career development in less than 2 years.*

**02**

### Develop a strategic and global vision of companies

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

*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**

### 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 areas 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

### Be part of an exclusive community

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

*We give you the opportunity to train with a team of world renowned teachers.*

# 04 Objectives

This program is designed to strengthen the management and leadership skills of students in the field of Technology Project Management, in addition to developing new competencies and skills that will be essential in their professional development. After the program, they will be able to lead a project of this type from scratch and will boost their skills to more areas of work, thanks to the experience of the professionals who have designed this program and the excellence of the largest digital university in the world: TECH.





“

*Become an expert in Technology Project Management and boost your career in a short time"*

TECH makes the objectives of its students its own.  
We work together to achieve them.

The Postgraduate Diploma in Programming and Costing of a Technology Project will enable the student to:

01

Develop skills and abilities necessary to make decisions in all types of projects, especially technological projects, multidisciplinary contexts and environments

04

Provide a global and strategic vision of all operational departments of the company

02

Acquire the ability to analyze and diagnose business and management problems in the different areas of knowledge of project management



03

Master advanced business management tools to identify and anticipate opportunities, allocate resources, organize information, select, motivate and manage people, make decisions, achieve proposed objectives and evaluate results

05

Assume responsibilities and think in a transversal and integrative way to analyze and solve situations in uncertain environments

06

Develop the minutes of incorporation of technology projects

08

Know how to estimate time in each process of project design and development



09

Evaluate the processes and estimate the cost of developing a technology project

07

Carry out a comprehensive control of all projects

10

Give importance to the quality of the projects

11

Be able to audit the quality of each of the processes involved in the project design

12

Understand the cost of failing to meet project quality

13

Perform quality controls at each stage of the project







14

Acquire techniques and skills to manage human resources and be able to resolve conflicts in the team

15

Know the emerging trends in the market

16

Understand and manage the risks of technology projects



# 05

# Structure and Content

The content of this Postgraduate Diploma includes all the necessary concepts to develop in the field of programming and to break down the costs of a technological project. The curriculum is organized in 4 modules, starting with an introduction to the design and management of such projects and their integration. Likewise, the scope and time management of Technology Projects will be discussed, with special attention to costs. In short, the student will acquire a global vision of what companies demand in this field.



“

*Identify the costs of a technology project and plan the budget needed to develop it"*

## Syllabus

The Postgraduate Diploma in Programming and Costing of a Technology Project is an intensive program designed by leading experts in the field, which guarantees the student the acquisition of a real and current vision of the professional panorama. In this way, TECH prepares the future graduate to face the challenges that arise and to make business decisions both nationally and internationally.

Throughout the syllabus, structured in 4 modules, all aspects of project management will be explained and analyzed, learning the key concepts in this field, the processes of identification, definition, unification and coordination.

A journey that will lead students to the analysis of the keys to success of projects in different environments, and to the reflection on the essential management of time on their way to efficiency, cost management, quality, resources, communications, risk assessment, and procurement and certification management.

The program shows in depth all the financial areas that are part of the company and is designed for the future senior programmer to understand the strategic direction and costs involved in a technology project today. All this from a strategic, international and innovative perspective, under a methodology that gives students their own organization to carry out this degree.

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

### Module 1

Introduction to the design and management of technology projects and management of the integration of technology projects

### Module 2

Technology Project Scope Management

### Module 3

Time Management of Technology Projects

### Module 4

Cost Management of Technology Projects



### Where, When and How is it Taught?

TECH offers the possibility of taking this program completely online. During the 6 months that the training lasts, the student will be able to access all the contents at any time, which will allow them to manage their own study time.

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

**Module 1.** Introduction to the design and management of technology projects and management of the integration of technology projects

<p><b>1.1. Introduction to Technology Project Management</b></p> <p>1.1.1. Project Manager Role 1.1.2. Project Definition 1.1.3. Organisational Structure</p>	<p><b>1.2. Project Management, Program Management and Portfolio Management</b></p> <p>1.2.1. Portfolios, Programs and Projects 1.2.2. Strategic Management</p>	<p><b>1.3. Standards and Best Practices for the Management of Technological Projects</b></p> <p>1.3.1. Prince 2 1.3.2. PMP 1.3.3. ISO 21500:2012</p>	<p><b>1.4. Organizational Influences on Technology Project Design and Management</b></p> <p>1.4.1. Environmental Factors in an Enterprise 1.4.2. Process Assets of an Organization</p>
<p><b>1.5. Processes of Technology Project Management</b></p> <p>1.5.1. Life Cycle of Technology Projects 1.5.2. Process Groups 1.5.3. Dynamics of Process Groups</p>	<p><b>1.6. Development of the Act of Incorporation of Technological Projects</b></p> <p>1.6.1. Definition of the Act of Incorporation of Technological Projects 1.6.2. Tools and Techniques</p>	<p><b>1.7. Development of the Plan for the Design and Management of Technological Projects</b></p> <p>1.7.1. Definition of the Plan for the Design and Management of Technological Projects 1.7.2. Tools and Techniques</p>	<p><b>1.8. Knowledge Management of Technological Projects</b></p> <p>1.8.1. Importance of Knowledge Management in Technology Projects 1.8.2. Tools and Techniques</p>
<p><b>1.9. Monitor the Work of the Technological Projects</b></p> <p>1.9.1. Work Monitoring and Control 1.9.2. Follow-up Reports on Technological Projects 1.9.3. Tools and Techniques</p>	<p><b>1.10. Integrated Change Control in Technology Projects</b></p> <p>1.10.1. Project Change Control Objectives and Benefits 1.10.2. CCB (Change Control Board) 1.10.3. Tools and Techniques</p>	<p><b>1.11. Delivery and Closing of Technological Projects</b></p> <p>1.11.1. Objectives and Benefits of Closing a Project 1.11.2. Tools and Techniques</p>	

**Module 2.** Technology Project Scope Management

<p><b>2.1. Introduction to Scope Management</b></p> <p>2.1.1. Scope of the Project 2.1.2. Scope of the Product</p>	<p><b>2.2. Fundamentals and Scope Management</b></p> <p>2.2.1. Basic Concepts 2.2.2. Baseline of the Scope</p>	<p><b>2.3. Benefits of Scope Management</b></p> <p>2.3.1. Stakeholder Expectation Management 2.3.2. Scoop Creep and Gold Plating</p>	<p><b>2.4. Considerations for Adaptive environments</b></p> <p>2.4.1. Types of Adaptive Projects 2.4.2. Scope Definition in Adaptive Projects</p>
<p><b>2.5. Planning and Scope Management</b></p> <p>2.5.1. Scope Management Plan 2.5.2. Requirements Management Plan 2.5.3. Tools and Techniques</p>	<p><b>2.6. Gather Requirements</b></p> <p>2.6.1. Requirements Gathering and Negotiation 2.6.2. Tools and Techniques</p>	<p><b>2.7. Definition of Scope</b></p> <p>2.7.1. Project Scope Statement 2.7.2. Tools and Techniques</p>	<p><b>2.8. Creation of the Work Breakdown Structure (WBS)</b></p> <p>2.8.1. Work Breakdown Structure (WBS) 2.8.2. Types of EDT 2.8.3. Rolling Wave 2.8.4. Tools and Techniques</p>
<p><b>2.9. Scope Validation</b></p> <p>2.9.1. Quality Vs Validation 2.9.2. Tools and Techniques</p>	<p><b>2.10. Scope Control</b></p> <p>2.10.1. Data and Information about Project Management 2.10.2. Types of Performance Reports 2.10.3. Tools and Techniques</p>		



**Module 3. Time Management of Technology Projects**

**3.1. Estimated Duration of Project Tasks**

- 3.1.1. Three-value Estimation
  - 3.1.1.1. Most Likely (tM)
  - 3.1.1.2. Optimistic (tO)
  - 3.1.1.3. Pessimistic (tP)
- 3.1.2. Analogous Estimate
- 3.1.3. Parametric Estimation
- 3.1.4. Bottom-up Estimates
- 3.1.5. Decision Making
- 3.1.6. Expert Judgment

**3.2. Definition of the Activities and Breakdown of the Project Work**

- 3.2.1. Decomposition
- 3.2.2. Define the Activities
- 3.2.3. Project Work Breakdown
- 3.2.4. Activity Attributes
- 3.2.5. List of Milestones

**3.3. Activity Sequencing**

- 3.3.1. List of Activities
- 3.3.2. Activity Milestones
- 3.3.3. Provenance Diagramming Method
- 3.3.4. Determination and Integration of the Units
- 3.3.5. Advances and Delays
- 3.3.6. Project Schedule Network Diagram

**3.4. Estimated Resources of the Activities**

- 3.4.1. Register of Assumptions
- 3.4.2. List of Activities
- 3.4.3. Activity Milestones
- 3.4.4. Register of Assumptions
- 3.4.5. Lessons Learned Register
- 3.4.6. Project Team Assignments
- 3.4.7. Resource Breakdown Structure

**3.5. Estimated of the Duration of Activities**

- 3.5.1. Law of Diminishing Returns
- 3.5.2. Number of Resources
- 3.5.3. Technological Advances
- 3.5.4. Staff Motivation
- 3.5.5. Project Documentation

**3.6. Development of the Timeline**

- 3.6.1. Analysis of the Networks Timeline
- 3.6.2. Critical Path Method
- 3.6.3. Resource Optimization
  - 3.6.3.1. Resource Levelling
  - 3.6.3.2. Resource Stabilization
- 3.6.4. Advances and Delays
- 3.6.5. Schedule Compression
  - 3.6.5.1. Intensification
  - 3.6.5.2. Quick Execution
- 3.6.6. Baseline of the Timeline
- 3.6.7. Project Timeline
- 3.6.8. Timeline Data
- 3.6.9. Project Calenders

**3.7. Types of Relationships and Types of Dependencies between all Project Activities**

- 3.7.1. Obligatory Dependencies
- 3.7.2. Discretionary Units
  - 3.7.2.1. Preferred Logic
  - 3.7.2.2. Preferential Logic
  - 3.7.2.3. Soft Logic
- 3.7.3. External Units
- 3.7.4. Internal Units

**3.8. Time Management Software for Technology Projects**

- 3.8.1. Analysis of Different Softwares
- 3.8.2. Types of Softwares
- 3.8.3. Functionalities and Coverage
- 3.8.4. Uses and Advantages

**3.9. Timeline Control**

- 3.9.1. Job Performance Information
- 3.9.2. Timeline Forecasts
- 3.9.3. Change Requests
- 3.9.4. Update to the Time Management Plan
- 3.9.5. Project Document Updates

**3.10. Recalculation of Times**

- 3.10.1. Critical Path
- 3.10.2. Calculation of Minimum and Maximum Times
- 3.10.3. Project Clearances
  - 3.10.3.1. What Is It?
  - 3.10.3.2. How to Use it?
- 3.10.4. Total Clearance
- 3.10.5. Free Clearance

**Module 4. Cost Management of Technology Projects**

**4.1. What Is the Cost Management Plan?**

- 4.1.1. Tools and Planning Techniques
- 4.1.2. Cost Planning Results

**4.2. Estimate Costs Types of Estimations Reserve Analysis**

- 4.2.1. Useful Information for Cost Estimation
- 4.2.2. Cost Estimation Tools and Techniques
- 4.2.3. Results of Cost Budget Preparation

**4.3. Types of Project Costs**

- 4.3.1. Direct and Indirect Costs
- 4.3.2. Fixed and Variable Costs

**4.4. Project Evaluation and Selection**

- 4.4.1. Financial Dimensions of a Project
- 4.4.2. VAN
- 4.4.3. IRR and NRR
- 4.4.4. *Payback*

**4.5. Determine the Budget**

- 4.5.1. Useful Information for the Preparation of the Project Budget
- 4.5.2. Tools and Techniques for Cost Budget Preparation
- 4.5.3. Results of Cost Budget Preparation

**4.6. Cost Projections**

- 4.6.1. Data and Information about Cost Management
- 4.6.2. Types of Performance Reports

**4.7. Earned Value Technique (EVM)**

- 4.7.1. Base Variables and Status Variables
- 4.7.2. Prognosis
- 4.7.3. Emerging Techniques and Practices

**4.8. Project Cash Flow**

- 4.8.1. Types of Cash Flow
- 4.8.2. Estimating the Net Cash Flows Associated with a Project
- 4.8.3. Discounted Cash Flows
- 4.8.4. Application of Risk to Cash Flows

**4.9. Cost Control**

- 4.9.1. Cost Control Objectives and Benefits
- 4.9.2. Tools and Techniques





# 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.*





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

## 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.

## 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.



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.







### 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.



07

# Our Students' Profiles

The Postgraduate Diploma in Programming and Costing of a Technology Project is a program aimed at people with university studies who want to transform their professional career by directing it towards a booming sector with a future. The diversity of students who apply for the program means that it is attended by different academic profiles, coming from different sectors, as well as multiple nationalities, which makes up the multidisciplinary approach of this program.

Therefore, the curriculum has been designed, not only from a global perspective, but also taking into account the latest tools available in line with current events and the demands of the sectors in which it will be put into practice.







“

*Get the skills and abilities necessary to be a leader in managing multidisciplinary technology projects"*

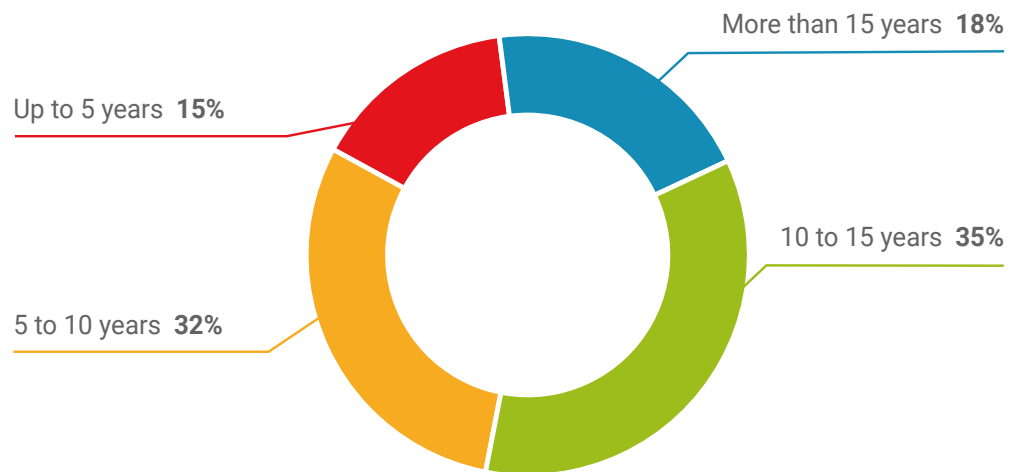
### Average Age

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

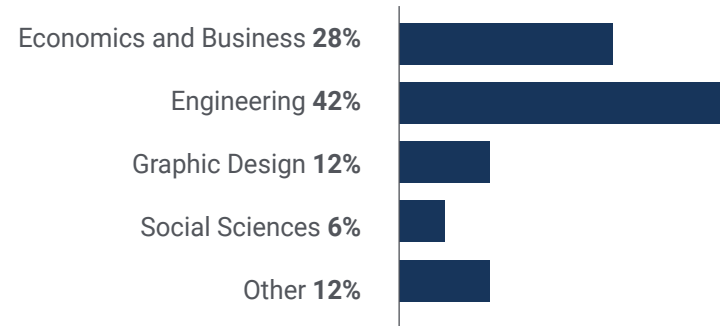
### Years of Experience

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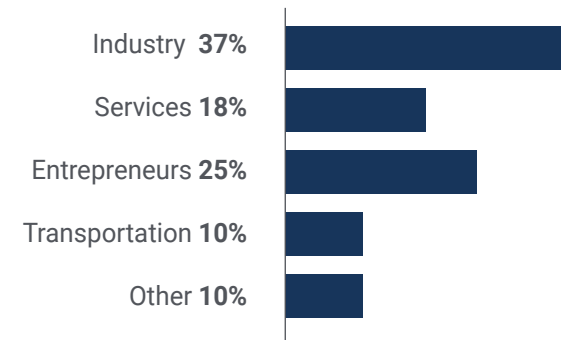
### Training

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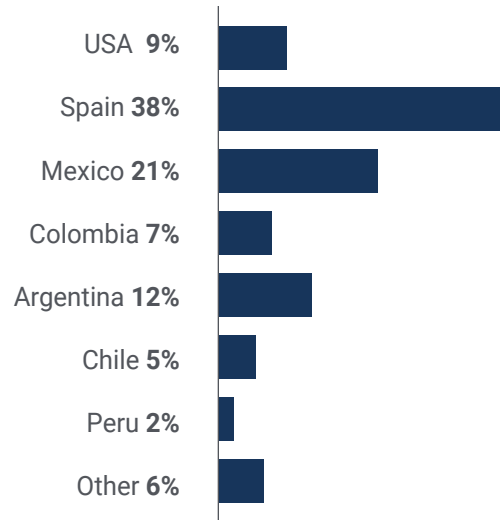
### Academic Profile

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## Geographical Distribution

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## Álvaro Juste

Project Manager

*"The skills I acquired after completing the Postgraduate Diploma in Programming and Costing of a Technology Project from TECH Global University have allowed me to better carry out my duties as a project manager in the technology company I currently work for. In addition, the online modality allowed me to combine the study of the program with my job, an aspect that I value, since it allowed me to update my knowledge in the subject at my own pace. 100% recommended"*

08

# Course Management

In our university we have professionals specialized in each area of knowledge, who pour their work experience into our training programs. A multidisciplinary team with recognized prestige that has come together to offer you all their knowledge in this area.





“

*Our teaching team Postgraduate Diploma in Programming and Costing of a Technology Project, will help you achieve success in your profession"*

## International Guest Director

With a long career focused on higher education, J. Michael DeAngelis has worked as a **broadcaster, scriptwriter and actor**. After holding various academic positions at the University of Pennsylvania, he has been appointed **Associate Director of Communications and Technology** at the University of Pennsylvania. There, he is in charge of producing and presenting the weekly news podcast **CS Radio**. He is also co-creator of the comedy podcast *Mission: Rejected*, in which he directs, writes and produces.

Throughout his career, he has worked for local educational television networks and radio stations in the news sections. On the other hand, after graduating from Muhlenberg College with a degree in **Performing Arts**, he has held the position of director of **The Porch Room**, a production company for podcast, film and theater. With all this, he has had the opportunity to perform different functions in the field of **Communication and Entertainment**. Likewise, he has performed tasks both in front of and behind the microphones in the news and entertainment field.

In particular, with the irruption of **podcasts** and their continuous growth, this expert has specialized in creating and producing this type of sound content. Through them, and thanks to his experience as an actor, he manages to transmit to listeners not only information and stories, but also emotions through his voice.

On the other hand, DeAngelis has been recognized on several occasions for his theatrical work, his play *Drop* was honored at the **Samuel French Off-Off Broadway Short Play Festival in 2009**. That same year, he won the **New Jersey Association of Community Theatres (NJACT) Perry Award** for Best Production of an Original Play for *Accidents Happen*. At the same time, his distinguished career has earned him membership in the **Dramatist Guild of America**.





## Mr. DeAngelis, J. Michael

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- ♦ Director of Communications and Technology at the University of Pennsylvania, United States
- ♦ Director of the production company The Porch Room
- ♦ Host of the weekly news podcast CS Radio
- ♦ Broadcaster and Podcaster
- ♦ NJACT Perry Award
- ♦ B.A. in Performing Arts from Muhlenberg College
- ♦ Graduate in Acting and Theatre Criticism from Goldsmiths College, University of London
- ♦ Member of: Playwrights Guild of America

“

*Thanks to TECH, you will be able to learn with the best professionals in the world”*

## Management



### **Dr. Romero Mariño, Brunil Dalila**

- ♦ Database Administration OCREM Association Granada
- ♦ Software projects and technological architecture consultant for different companies Venezuela
- ♦ University Professor of Computer Science Department of Processes and Systems Simón Bolívar (USB) University Venezuela
- ♦ Researcher in Software Engineering and related areas Department of Processes and Systems Simón Bolívar (USB) University Venezuela
- ♦ Systems Engineer from Universidad Bicentenario de Aragua (UBA). Venezuela
- ♦ Expert in Communications and Data Communication Networks, Universidad Central de Venezuela (UCV).
- ♦ Master's degree in Systems Engineering from Universidad Simón Bolívar (USB) Venezuela
- ♦ D. in Information and Communication Technologies from the University of Granada (UGR). Spain





09

# Impact on Your Career

It is time for professionals to invest in their future to grow professionally. Investing in a program like this will position the student for their career horizon and equip them with the skills they need to reach the finish line successfully. For this reason, TECH only counts on the best professionals in the sector, following quality maxims and using criteria based on excellence, so that the future expert stands out in his or her daily work and manages to overcome all the challenges presented to them.





“

*By including TECH in your academic path,  
you will increase your career options”*

### Ready to take the leap? Excellent professional improvement awaits

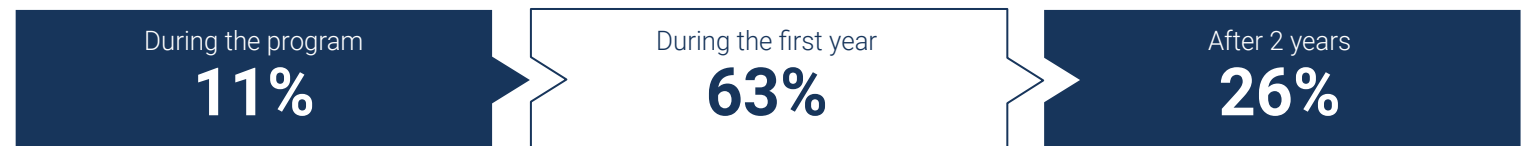
This intensive TECH program prepares students to face challenges and decisions in the management of Technology Projects. The main objective is to promote your personal and professional growth. Help you to achieve success.

An indispensable program to increase your employability options.

*Don't miss the opportunity that TECH offers you and invest in your future.*

*If you want to make a positive change in your profession, the Postgraduate Diploma in Programming and Costing of a Technology Program will help you achieve it.*

#### When the change occurs



#### Type of change





## Salary increase

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



10

# Benefits for Your Company

The Postgraduate Diploma in Programming and Costing of a Technology Project. to raise the profile of the employees of different companies, which has a positive impact on them. The better trained your professionals are, the greater the probability of success. It also drives the achievement of objectives and the preparation of tomorrow's leaders. Therefore, this Postgraduate Diploma is a unique opportunity to access a powerful network of contacts with which to establish successful synergies and achieve future professional partners, customers or suppliers, providing innovative ideas and great strategies that will mark a before and after for the company.





“

*Aiming for excellence is a lofty goal, but it is possible with TECH"*

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

01

### **Intellectual Capital and Talent Growth**

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

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02

### **Retaining high-potential executives to avoid talent drain**

This program strengthens the link between the company and the executive 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.

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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 will be able to work on a real project or develop new projects in the field of R&D or Business Development of their company.

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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 Programming and Costing of a Technology Project guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Diploma issued by TECH Global University.



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*Successfully complete this training and receive your university degree without travel or laborious paperwork”*

This program will allow you to obtain your **Postgraduate Diploma in Programming and Costing of a Technology Project** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

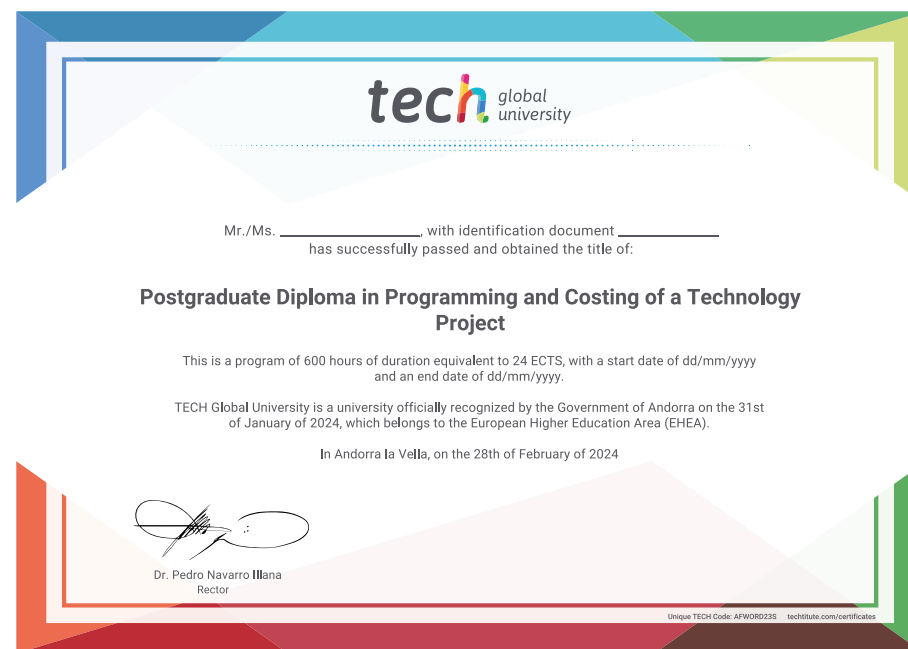
This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Programming and Costing of a Technology Project**

Modality: **online**

Duration: **6 months**

Accreditation: **24 ECTS**



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



## Postgraduate Diploma Programming and Costing of a Technology Project

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **24 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

# Postgraduate Diploma Programming and Costing of a Technology Project