



Postgraduate Certificate Requirement Management in Predictive Projects

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Credits: 6 ECTS

» Schedule: at your own pace

» Exams: online

» Target Group: IT professionals who want to specialize in project management with predictive methodologies

Website: www.techtitute.com/us/school-of-business/postgraduate-certificate/requirement-management-predictive-projects

Index

02 Why Study at TECH? Why Our Program? Objectives Welcome p. 4 p. 6 p. 10 p. 14 06 Our Students' Profiles Methodology Structure and Content p. 18 p. 24 p. 32 80 Course Management Benefits for Your Company Impact on Your Career p. 36 p. 42 p. 46 Certificate

01 **Welcome**

Determining requirements is the largest initial management burden in any predictive project. In order to manage the project for effective closure, you need to know from the beginning of project management what the stakeholders want and what the business needs, which makes project management complicated because they are difficult to agree upon and because they can change often. It must be taken into account that predictive projects require knowledge, tools and techniques to gather requirements, model them, agree them with stakeholders and finally validate them against project results. In this sense, the figure of the business analyst who puts himself in the place of the business stakeholders to model their needs, monitor that the project brings them the expected value and meet or exceed their expectations, is increasingly necessary. Therefore, the higher qualification of these professionals with programs such as this one will be a plus for the success of the project.









tech 08 | Why Study at TECH?

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+

200+

executives trained each year

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 studies in the academic community"

Why Study at TECH? | 09 tech

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 (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 ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.





tech 12 | Why Our Program?

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



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.



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.



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.



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.



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.



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.



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.



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.





tech 16 | Objectives

TECH makes the goals of their students their own goals too.

Together they work to achieve them.

The Postgraduate Certificate in Requirement Management in Predictive Projects will enable students to:



Determine the role of the business analyst in predictive projects



Clearly establish the relationship between business analysis and project requirements



Generate specialized knowledge on the practical tools and techniques most commonly used by business analysts





Develop a correct requirements definition and management process to manage a project with a predictive methodology (*Plan Driven*)



Practice creative thinking skills to engage stakeholders, uncover needs and identify new approaches and ideas



Compare and contrast analysis techniques to select the one that most appropriately communicates information to stakeholders for review and understanding of requirements



Recognize the different levels of requirements and know how to categorize them



09

Characterize what well-defined requirements should look like



Get the most out of models and diagrams to model requirements



Determine why requirements need to be managed for traceability, impact analysis and reusability





tech 20 | Structure and Content

Syllabus

The Postgraduate Certificate in Requirements Management in Predictive Projects of TECH Global University is an intensive program that prepares students to face challenges and business decisions in the field of integrated project management. Its content is designed to promote the development of managerial skills that enable more rigorous decision-making in uncertain environments.

Throughout 180 hours of study, the student will face a multitude of practical cases through individual work, which will allow you to acquire the necessary skills to develop successfully in your daily practice. It is, therefore, an authentic immersion in real business situations.

This program deals in depth with different areas of the company and is designed for managers to understand project management from a strategic, international and innovative perspective. A plan designed especially for students, focused on their professional improvement and that prepares them to achieve excellence in the field of leadership and business management. A program that understands your needs and those of your company through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional faculty, which will provide you with the skills to solve critical situations in a creative and efficient way.

This Postgraduate Certificate takes place over 6 weeks, and it consists of just 1 module:

Module1.

Requirement Management in Predictive Projects



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Requirement Management in Predictive Projects completely online. During the 6 weeks of the program, the student will be able to access all the contents of this program at any time, which will allow the student to self-manage his or her study time.

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

tech 22 | Structure and Content

Module 1. Requirement Management in Predictive Projects

1.1. Requirement Management in Predictive Projects

- 1.1.1. Business Analysis in Projects
- 1.1.2. Project and Product Requirements
- 1.1.3. Obtaining Project Requirements

1.2. Requirement Management

- 1.2.1. Inadequate Requirement Management as a Cause of Project Failure
- 1.2.2. The Role and Function of the Business Analyst, According to the PMI®.
- 1.2.3. PMI-PBA® Certification
- 1.2.4. Project Management Institute (PMI®): A Practical Guide to Business Analysis
- 1.2.5. International Institute of Business Analysis (IIBA®): Business Analysis Body of Knowledge® (BABOK®)
- 1.2.6. Requirements Management Domains
- 1.2.7. Types of Project Requirements

1.3. Business Needs Assessment

- 1.3.1. Business Need
- 1.3.2. Value Proposition
- 1.3.3. Project Objectives
- 1.3.4. Identification of Interested Parties
- 1.3.5. Stakeholder Values

1.4. Requirements Management Planning

- 1.4.1. Context of the Project
- 1.4.2. Requirements Traceability Planning
- 1.4.3. Requirement Management Planning
- 1.4.4. Requirement Change Management Planning

1.5. Requirements Analysis

- 1.5.1. Compilation of Requirements
- 1.5.2. Analysis, Decomposition and Elaboration of Requirements
- 1.5.3. Comparison of the Requirements with the Product Scope
- 1.5.4. Location of Requirements
- 1.5.5. Obtaining Formal Approval of Requirements
- 1.5.6. Specification of Requirements
- 1.5.7. Validation of Requirements
- 1.5.8. Specification of Acceptance Criteria

1.6. Traceability and Requirement Control

- 1.6.1. Traceability of Requirements
- 1.6.2. Requirement Status Monitoring
- 1.6.3. Requirement Status Update
- 1.6.4. Communication of Requirements
- 1.6.5. Management of Changes in Requirements

1.7. Evaluation of Requirement Management

- 1.7.1. Validation of Test Results
- 1.7.2. Analysis of Non-Conformities (Solution Gaps)
- 1.7.3. Obtaining Formal Approval of the Solution
- 1.7.4. Evaluation of the Results of the Solution

1.8. Risk Management Associated with Project Requirements

- 1.8.1. Risk Identification based on Project and Product Requirements
- 1.8.2. Specific Risks Related to Requirements Management
- 1.8.3. Risk Management Plan Associated with Requirements Traceability
- 1.8.4. Real Options for Requirements Inaccuracy

1.9. Quality Management Associated with Requirements Management

- 1.9.1. Project Quality and Quality Requirements
- 1.9.2. Requirement Management as a Critical Factor for Project Success
- 1.9.3. Project Quality Vs. Conformity to Requirements

1.10. Competencies Associated with Requirements Management

- 1.10.1. Business Vision
- 1.10.2. Complex Projects: Complexity Management
- 1.10.3. Systemic Thinking
- 1.10.4. Knowledge of the Political and Social Environment
- 1.10.5. Multiculturalism
- 1.10.6. Facilitation Skills





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



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.





tech 26 | Methodology

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.





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

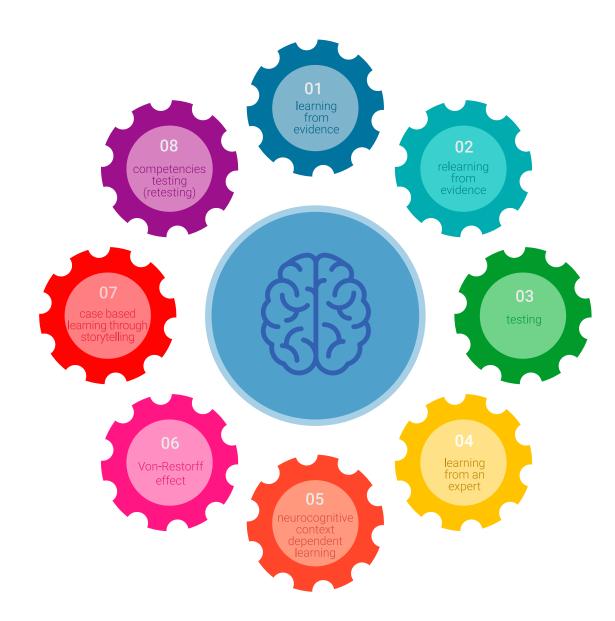
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

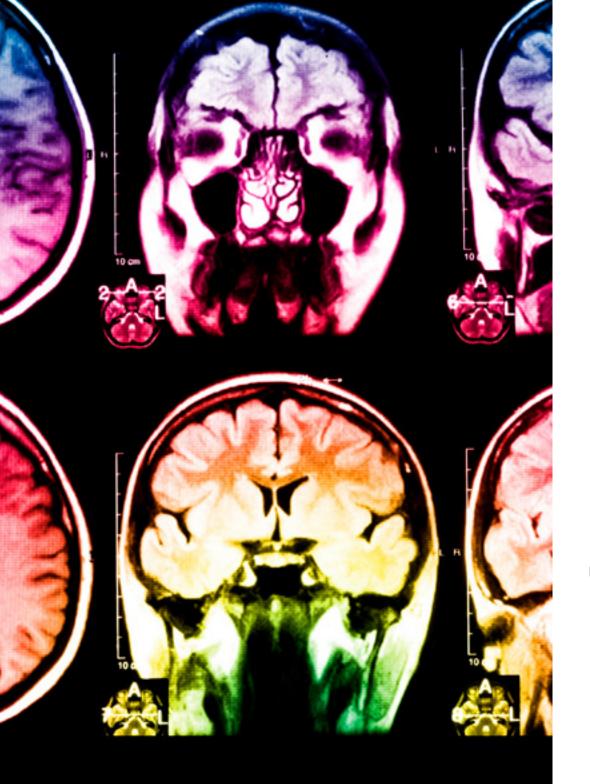
We enhance the Case Study with the best 100% online teaching method: Relearning.

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.





Methodology | 29 **tech**

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.



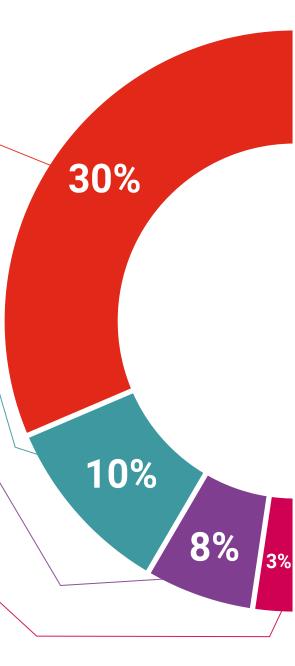
Management Skills Exercises

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.





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.

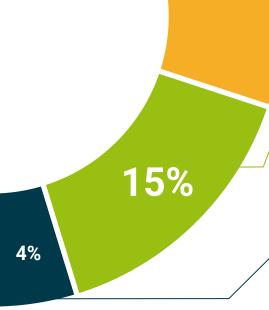


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

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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.

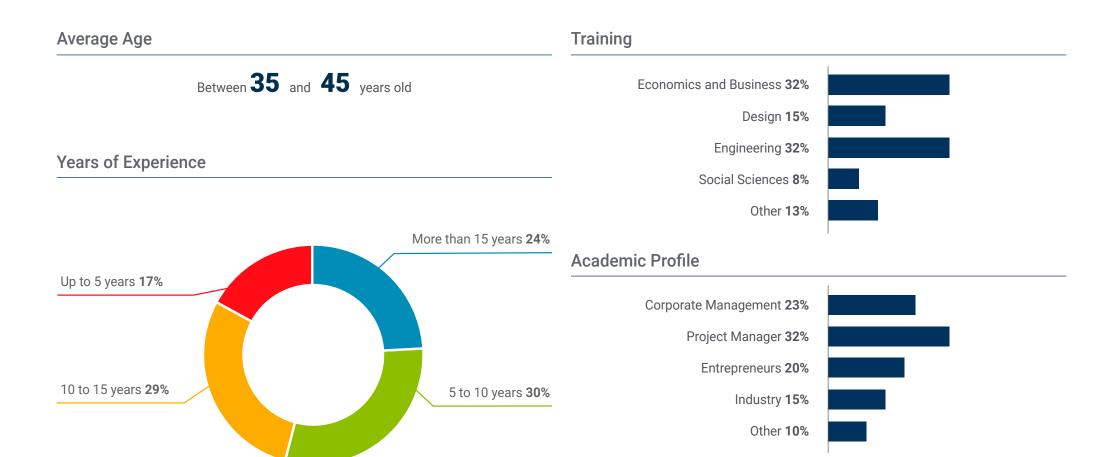


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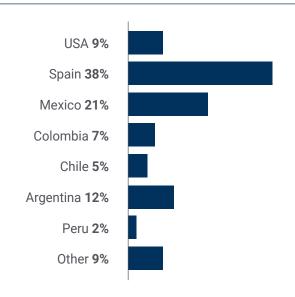




tech 34 | Our Students' Profiles



Geographical Distribution





Jaime Díaz

Project Manager

"I have been working in predictive project management for years. However, recently I felt that I needed to improve my qualification in order to keep up to date with the main developments in the industry. Luckily, I found this TECH Postgraduate Certificate and managed to acquire a superior specialization in an area of great relevance in this field. Undoubtedly, the program I needed to act with greater confidence in this field."





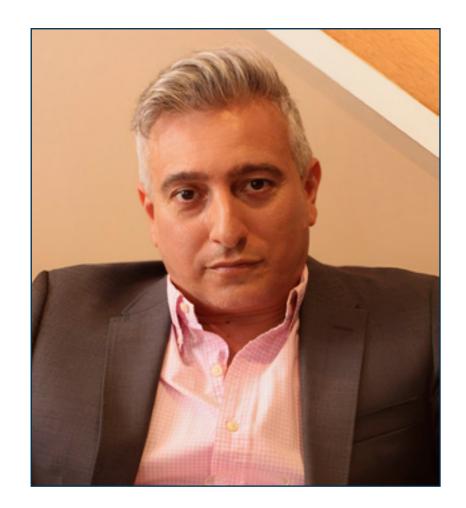
International Guest Director

Robert Natale is an expert in business transformation, strategic planning and operational excellence, committed to driving performance and organizational health for outstanding and sustainable business results. With a culture and results-driven approach, his passion is focused on turning underperforming institutions into profitable and competitive entities, prioritizing customer satisfaction. He is motivated by complex challenges that require profound changes in business models, leadership and traditional ways of working.

He has also held key roles in companies such as KPMG Australia, where he has been Director of Management Consulting, driving changes and redesigns that have exceeded \$140 million per year. In addition, at Optus he has held roles as Director of Transformation and Cost Efficiency, managing savings programs that have reached A\$700 million per year. In both positions, his ability to integrate digital and automation solutions has enabled him to deliver complex projects in sectors such as technology, telecommunications, consumer goods and manufacturing.

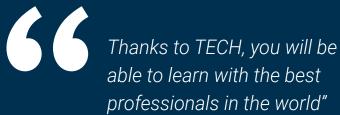
Internationally, he has been recognized for his leadership and ability to change challenging business contexts. In fact, his reputation has earned him multiple recognitions in the organizational consulting sector, standing out for his ability to align corporations with the effective implementation of operational changes. In turn, his focus on analysis and innovation has enabled the companies under his leadership to not only achieve their financial objectives, but also to adapt nimbly to market dynamics.

He has also contributed to knowledge in his field through studies focused on business planning. In this regard, his writings have addressed topics such as supply chain optimization or continuous improvement, providing valuable insights into how organizations can position themselves for future success.



Mr. Robert, Natale

- Director of Business Transformation at KPMG, Sydney, Australia
- Director of Transformation at Optus
- Director of Transformation and Network Cost Efficiency at Optus
- Director of Network Procurement Group Networks at Singtel
- Network Supply Chain Director, Networks at Optus
- Lean Six Sigma Manager at Optus
- Master's Degree in Business Administration and Management at UNSW School of Business
- Associate Diploma in Electrical and Electronic Engineering from Tafe NWS



tech 40 | Course Management

Management



Mr. Pérez Pérez, Manuel Felipe

- Senior Project Manager EQUIDEA
- Project Manager AYDEM Consulting
- Consultant/Trainer in Organizational Development and Project Management
- Head of Training for Postgraduate Studies of the College of Computer Engineers of Madrid
- Technical Telecommunications Engineering UPM
- Telecommunication Systems Engineering UPM
- European Engineer EUR-ING FEANI
- PMP ® (Project Management Professional) PMI ID: 1767390
- Advanced Agile Project Management Program. SCRUM

Professors

Mr. Barato, José

- ◆ Director of PMPEOPLE
- Freelance Trainer
- Telecommunications Engineer. Polytechnic University of Madrid
- ◆ PMP ® (Project Management Professional) ID: 70285
- PMI-ACP ® (Agile Certified Practitioner) ID: 1624784
- Diploma in Accounting and Finance. ESINE
- Regular Speaker at Project Management Conferences

Mr. Gómez de la Parra García, Pablo

- Service Manager of complex projects in T-Systems ITC Iberia SAU
- Degree in Computer Engineering-UAM
- Master's Degree in Cybersecurity Research
- ◆ PMP ® (Project Management Professional)
- Associate Professor at the College of Computer Experts in Madrid







tech 44 | Impact on Your Career

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

The Postgraduate Certificate in Requirement Management in Predictive Projects of TECH Global University is an academic program that is developed in an intensive manner and aimed at improving students' work skills in an area of wide competence. Undoubtedly, it is a unique opportunity to improve professionally, but also personally, as it involves effort and dedication.

Those who wish to improve themselves, achieve a positive change at a professional level and interact with the best, will find their place at TECH.

This program will help you be more competitive change in your job.

Learn how to manage the requirements of a predictive project and be more efficient in your daily work.

When the change occurs



Type of change



Salary increase

This program represents a salary increase of more than 25.22% for our students

\$57,900

A salary increase of

25.22%

\$72,500





tech 48 | Benefits for Your Company

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



Intellectual Capital and Talent Growth

The professional will bring to the company new concepts, strategies and perspectives that can bring about relevant changes in the organization.



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.



Building agents of change

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



Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets of the world economy.





Project Development

The professional will be work on a current project or develop new projects in the field of R&D or Business Development within their company.



Increased competitiveness

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





tech 52 | Certificate

This program will allow you to obtain your **Postgraduate Certificate in Requirement Management** in **Predictive Projects** 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 Certificate in Requirement Management in Predictive Projects

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



has successfully passed and obtained the title of:

Postgraduate Certificate in Requirement Management in Predictive Projects

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



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



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