

# Postgraduate Diploma Agile Methodologies and PMO





## Postgraduate Diploma Agile Methodologies and PMO

Language: English

Course Modality: Online

Duration: 6 months.

Certificate: TECH Technological University

Official N° of hours: 450 h.

Target Group: graduates and professionals with demonstrable experience in the sector.

Website: [www.techtute.com/in/school-of-business/postgraduate-diploma/postgraduate-diploma-agile-methodologies-pmo](http://www.techtute.com/in/school-of-business/postgraduate-diploma/postgraduate-diploma-agile-methodologies-pmo)

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# 01 Welcome

Being able to adapt the ways of working to the needs of the project is the best way to achieve the flexibility and immediacy required by companies. The origin of these so called agile methodologies can be found in vehicle production, but it has reached all production processes around the world. Additionally, project management offices (PMO) have also helped to better manage the creation of new projects. This program is focused on offering professionals the most innovative tools to promote agility and immediacy in the production process, always from the perspective of efficiency and quality. In this way, students will become the most sought after project managers in the market.



Postgraduate Diploma in Agile Methodologies and PMO.  
TECH Technological University



“

*The figure of the upright, inflexible and authoritarian manager has become obsolete. A new profile has emerged, one that is much more in line with new trends and stands out for being technologically savvy, practicing active listening and being self-critical of their work"*

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 Technological 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:



### 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

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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

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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.



### 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"*

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 Technological University community.

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

04

# Objectives

This program is designed to strengthen management and leadership skills, as well as to develop new skills and abilities that will be essential in your professional development. After the program, you will be equipped to make global decisions with an innovative perspective and an international vision.



“

*International experience, ethical commitment, and business acumen are some of the most sought after characteristics in executives in the digital age”*

TECH makes the goals of their students their own goals too.  
Working together to achieve them.

The Postgraduate Diploma in Agile Methodologies and PMO will enable students to:

01

Understand the "agile" principles to be applied in different areas

03

Develop the ability to predict in environments of high uncertainty

02

Identify non-value-added tasks to be eliminated

04

Know how to use collaborative tools



05

Reduce the time it takes to complete tasks

07

Develop the ability to manage several projects at the same time



# TRADITIONAL METHODOLOGY

06

Know how to break down the strategy into portfolios, programs and projects

08

Know how to distribute workloads of shared resources among several projects

09

Know how to prioritize and delay projects and ideas within an organization

10

Design and implement PMO structures within an organization

11

Learn to generate ideas that add value to organizations





12

Learn lateral thinking techniques

13

Learn critical thinking techniques

14

Understand the keys to successful R+D+I management in organizations

05

# Structure and Content

The Postgraduate Diploma in Agile Methodologies and PMO is a tailor made program that is taught in a 100% online format so that students can choose the time and place that best suits their availability, schedules and interests.

A program that takes place over 6 months and is intended to be a unique and stimulating experience that will lay the foundations for success in the management of Agile Methodologies and PMO.



“

*What you study is very important. The abilities and skills you acquire are fundamental. You won't find a more complete syllabus than this one, believe us"*

## Syllabus

The Postgraduate Diploma in Agile Methodologies and PMO of TECH Technological University is an intensive program that prepares the student to face business challenges and decisions.

The content of the program in Agile Methodologies and PMO is designed to promote the development of managerial skills that enable more rigorous decision making in uncertain environments.

Throughout 450 hours of preparation, the student will analyze a multitude of practical cases through individual practice and teamwork. It is, therefore, an authentic immersion in real business situations.

This program deals in depth with the strategic areas of the company and is designed to train managers who understand business management from a strategic, international and innovative perspective.

A plan designed for students, focused on their professional improvement and preparing them to achieve excellence in the field of project management. A program that understands their needs and those of their company through innovative content based on the latest trends and, supported by the best educational methodology and an exceptional faculty, which will give them the skills to solve critical situations in a creative and efficient way.

This Postgraduate Diploma takes place over 6 months and is divided into 3 modules:

### Module 1

Agile Methodologies

### Module 2

PMO

### Module 3

Innovative Organizations and Projects



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

TECH offers the possibility of developing this Postgraduate Diploma in Agile Methodologies and PMO completely online. Over the course of 6 months, you will be able to access all the contents of this program at any time, allowing you to self manage your study time.

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

**Module 1. Agile Methodologies**

- |  |  |                                    |                            |
|--|--|------------------------------------|----------------------------|
| 1.1. Introduction to Agile Methodologies | 1.2. Iterative, Adaptive, Predictive and Hybrid Lifecycles | 1.3. Introduction to Scrum         | 1.4. Agile Team Management |
| 1.5. Scrum Events                        | 1.6. Artifacts in Scrum                                    | 1.7. Agile Estimating and Planning | 1.8. Metrics               |
| 1.9. Collaborative Tools                 | 1.10. Organizational Agility                               |                                    |                            |

**Module 2. PMO**

- |  |   |   |                              |
|--|---|---|------------------------------|
| 2.1. Introduction to the Project Management Office                           | 2.2. Functions of the Project Management Office | 2.3. Creating the Conditions for Change Leading Organizational Change | 2.4. PMO Vision and Strategy |
| 2.5. PMO Model Design  | 2.6. PMO Resource Plan                          | 2.7. PMO Implementation   | 2.8. PMO Operation and Tools |
| 2.9. Project Management Culture and Knowledge Management in the Organization | 2.10. Agile PMO                                 |   |                              |

**Module 3. Innovative Organizations and Projects**

- |   |                                       |   |  |
|---|---------------------------------------|---|--|
| 3.1. Organizational Change Management           | 3.2. Communication in Organizations   | 3.3. Creative Thinking: Innovation                | 3.4. Process Engineering and Product Engineering |
| 3.5. Strategic Innovation Intelligence          | 3.6. Entrepreneurship and Innovation  | 3.7. Launch and Industrialization of New Products | 3.8. R+D+I Management Systems                    |
| 3.9. Direction and Management of R+D+I Projects | 3.10. Project Management for Startups |   |  |





# 06

# Methodology

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

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





“

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

## TECH Business School uses the Case Study to contextualize all content

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

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



*This program prepares you to face business challenges in uncertain environments and achieve business success.*



### **A learning method that is different and innovative**

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and business reality is taken into account.

“

*You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments”*

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

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

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

## Relearning Methodology

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

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

*Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.*

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

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



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 Agile Methodologies and PMO is a program aimed at professionals related to the management function, business development and business activity in general, who want to update their knowledge, discover new ways to manage this activity and advance in their professional career.





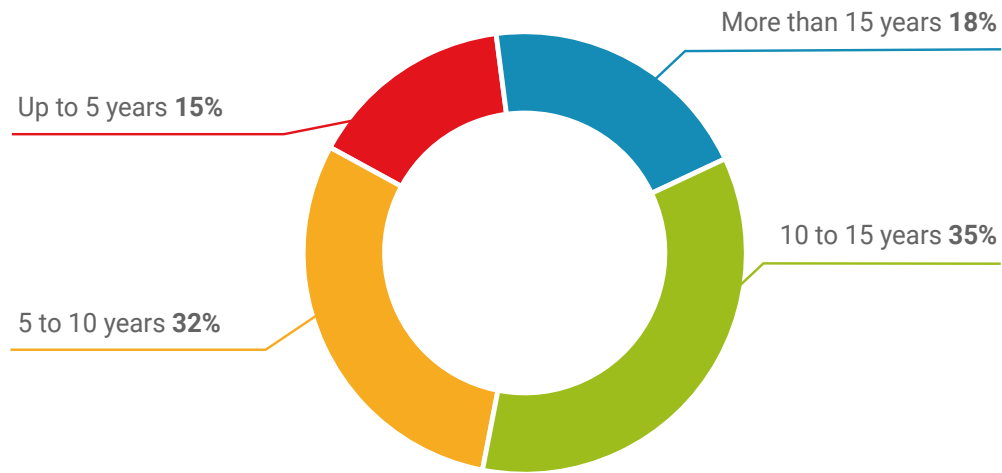
“

*If you have experience in Agile Methodologies and PMO and you are looking for an interesting improvement in your career while still working, this is the program for you"*

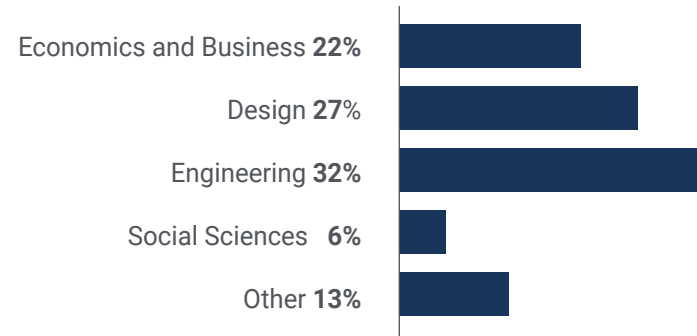
### Average Age

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

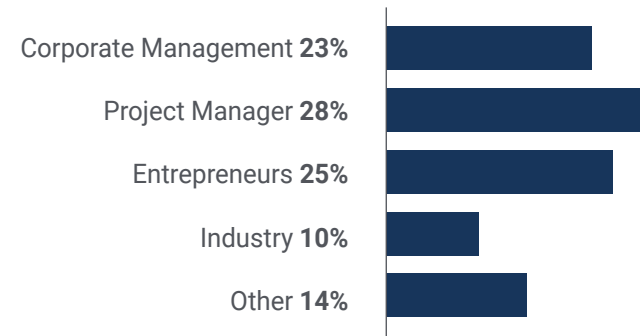
### Years of Experience



### Training

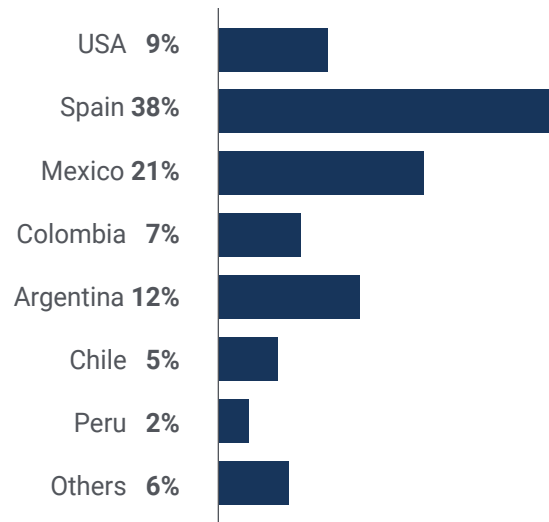


### Academic Profile



## Geographical Distribution

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## Luis Sánchez Ortiz

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Project Manager

*"The combination of academic content and the faculty's background make the Agile Methodologies and PMO program a key tool for professional and personal development. I was pleasantly surprised by the quality and professionalism of all the staff members"*

08

# Course Management

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





“

*Our teaching team, experts in Agile Methodologies and PMO, will help you achieve success in your profession"*

## Management



### D. Pampliega, Carlos

- ♦ Architect specializing in Project and Risk Management
- ♦ Certified Project Management Professional (PMP)
- ♦ Professional Scrum Master's Degree certified by Scrum.org
- ♦ Active member of PMI-Madrid Spain Chapter. Since 2013
- ♦ Director of PMI Castilla y León Branch, the delegation in Castilla y León. 2013
- ♦ He regularly participates as a speaker in presentations and courses, as well as in congresses organized by PMI
- ♦ Consultant and Trainer in Project Management at different universities and business schools
- ♦ Member of the Editorial Board of the scientific journal Building & Management
- ♦ Member of the PMO Global Alliance Awards PMO Judges Committee

## Professors

### Dr. Roji Ferrari, Salvador

- ♦ Vice Dean of International Relations, Faculty of Economics and Business Studies, Complutense University of Madrid
- ♦ PhD in Accounting and Finance, at the Complutense University of Madrid. 1997
- ♦ Degree in Journalism, Complutense University of Madrid, 1971-1977
- ♦ Master's Degree of Science in Finance, University of Maryland & Baltimore 1990
- ♦ Master's Degree of Business Administration (MBA), University of Maryland & Baltimore, 1989
- ♦ Professor of the Faculty of Economics and Business Administration, Department of Financial Administration and Accounting. Since 1994
- ♦ He has published 6 books on finance and business economics, as well as a multitude of articles and chapters on both divulgation and research





09

# Impact on Your Career

This qualification is especially aimed at business professionals who wish to give a boost to their careers through a high quality program, in which they will find the keys to apply agile methodologies to the production processes of their companies. Professionals who are looking for an opportunity to improve and give a drastic boost to their careers, accessing those managerial positions with which they achieve better working conditions.





“

*Achieve that desired professional change thanks to the improvement of your skills for the implementation of agile methodologies”*

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

The Postgraduate Certificate in Agile Methodologies and PMO of TECH Technological University is an intensive program that prepares students to face challenges and business decisions in the field of project management. The main objective is to promote your personal and professional growth, helping you achieve success.

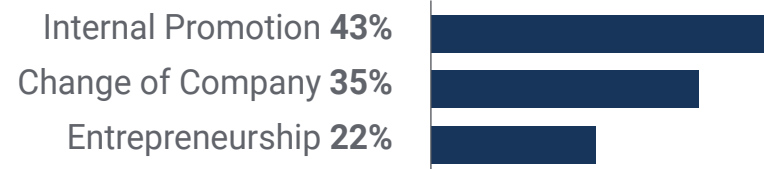
*Access to positions of greater responsibility and remuneration after studying this program.*

*It's time for change and TECH puts everything you need at your disposal to 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 **25.22%** for our students.



10

# Benefits for Your Company

The Postgraduate Diploma in Agile Methodologies and PMO helps raise the organization's talent to its maximum potential by training high level leaders. A program that adapts to students so they acquire the necessary tools that, later on, they will be able to apply in their daily practice, achieving great benefits for their company. Additionally, participating in this academic itinerary is a unique opportunity to access a powerful network of contacts in which to find future professional partners, clients or suppliers.





“

*It brings to your company a global vision of project management and offers new perspectives that will lead your business to success”*

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.

---

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**

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

---

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 manager can work on a current project or develop new projects in the field of R&D or Business Development within their company.

---

06

### **Increased competitiveness**

This Postgraduate Diploma will equip students with the skills to take on new challenges and thereby drive the organization forward.

11

# Certificate

The Postgraduate Diploma in Agile Methodologies and PMO guarantees students, in addition to the most rigorous and up to date education, access to a Postgraduate Diploma issued by TECH Technological University.



“

*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Diploma in Agile Methodologies and PMO** 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

**Title: Postgraduate Diploma in Agile Methodologies and PMO**

**Official N° of hours: 450 h.**



\*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.



## Postgraduate Diploma Agile Methodologies and PMO

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Course Modality: Online

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# Postgraduate Diploma Agile Methodologies and PMO