

Postgraduate Certificate Agile Methodologies





Postgraduate Certificate Agile Methodologies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online
- » Target Group: The program is of special interest to all professionals related to Design, Strategic Planning or project execution, in any of the fields of Engineering, consulting, research, or the daily operations of companies. The type of companies or the industry to which they may belong is very varied, since project management is not exclusive to any industry.

Website: www.techtute.com/pk/school-of-business/postgraduate-certificate/agile-methodologies

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01. Welcome

Since large companies began to implement information systems, IT projects began to use Lean and Kanban principles that they adapted and were the origins of what is now known as Scrum or agile methodologies. The concept of agility goes far beyond the Scrum methodology and has to be understood from the source. For this reason, this program wants to go beyond the typical Scrum courses where only the methodology is explained and will be approached as a whole.

One of the main objectives of this program in Agile Methodologies of TECH is to promote personal and professional growth, helping to achieve success in the company. If you want to improve yourself, make a positive change professionally and network with the best, this is the place.



Postgraduate Certificate in Agile Methodologies. 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.

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, the student will be able 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 Certificate in Agile Methodologies will enable students to:

01

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

02

Identify non-value-added tasks to be eliminated





03

Develop the ability to predict in environments of high uncertainty

04

Know how to use collaborative tools

05

Structure and Content

The Postgraduate Certificate in Agile Methodologies is a tailor-made program that is taught 100% online so that you can choose the time and place that best suits your availability, schedule 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 your success in the strategic management of your company.



“

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 Certificate in Agile Methodologies is designed to promote the development of managerial skills that enable more rigorous decision-making in uncertain environments.

Over the course of 150 hours, the student analyzes a plethora of practical cases through individual work and teamwork. It is, therefore, an authentic immersion in real business situations.

This Postgraduate Certificate 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 strategic business 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 the skills to solve critical situations in a creative and efficient way.

This Postgraduate Certificate takes place over 6 weeks. The student can take the course completely online, even attending workshops and virtual conferences.

Module 1

Agile Methodologies



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Certificate in Agile Methodologies completely online. Over the course of 6 weeks, 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		



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.



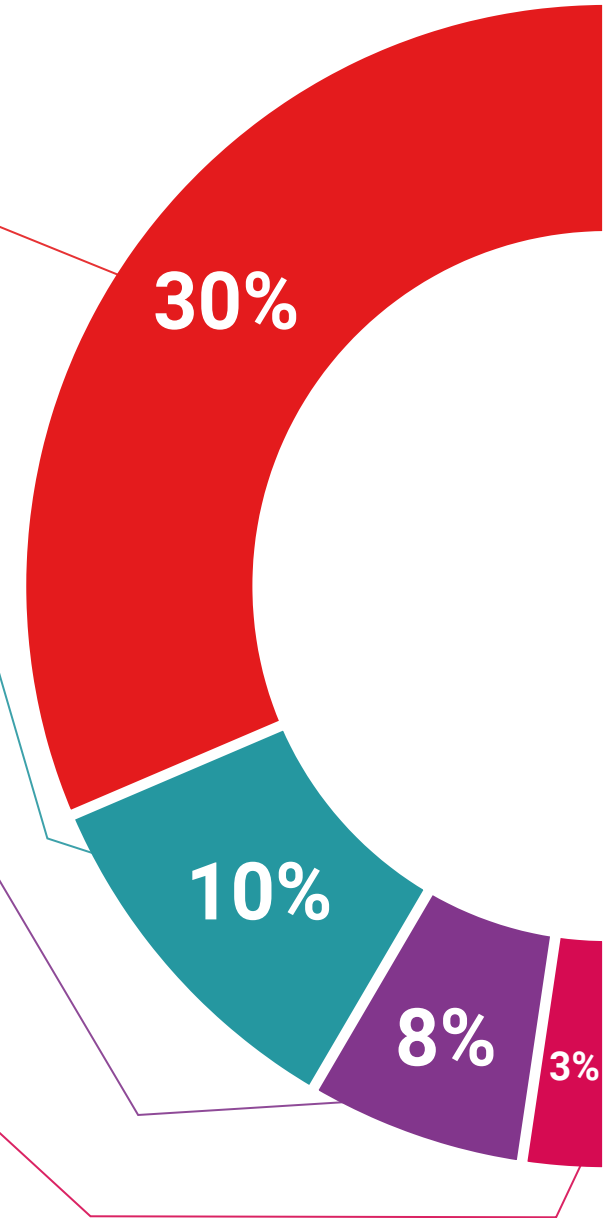
Management Skills Exercises

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 Certificate in Agile Methodologies 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.





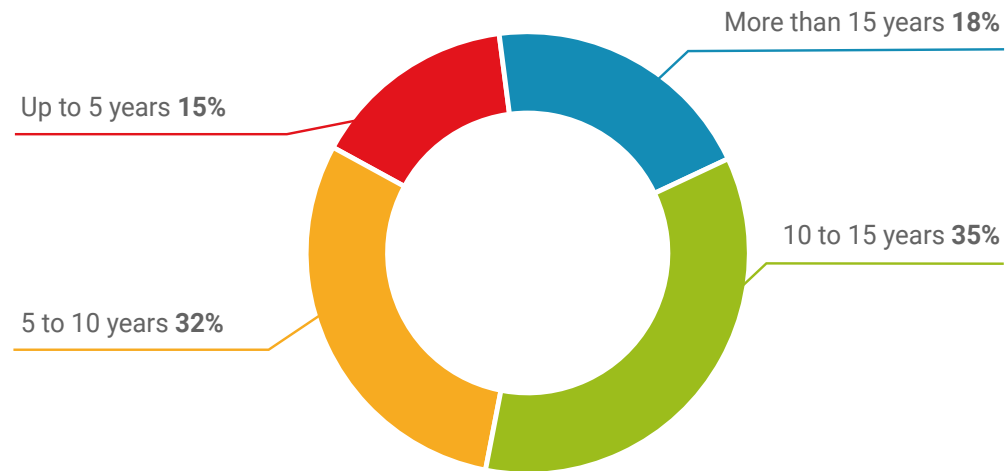
“

If you have experience in business administration and are looking for an interesting improvement in your career while continuing to work, this is the program for you"

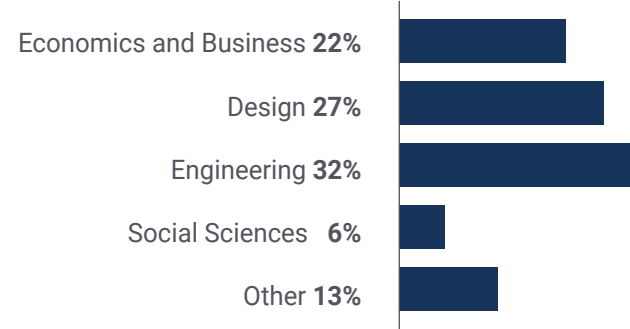
Average Age

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

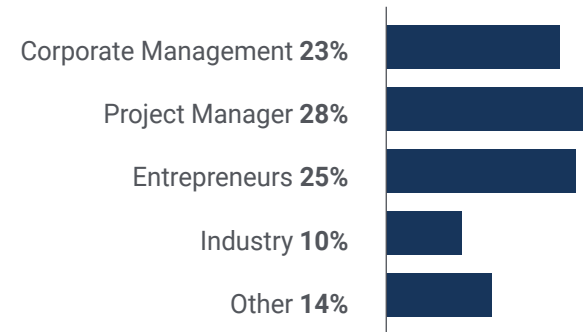
Years of Experience



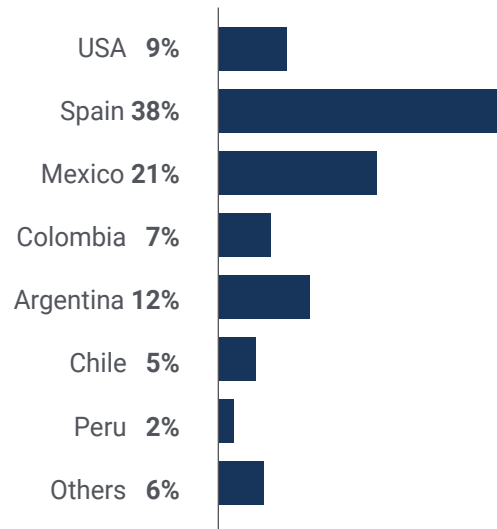
Training



Academic Profile



Geographical Distribution



Luis Martínez

Project Manager

"Achieving this educational program has been a great opportunity to improve my skills on a professional level. The best of all has been its teaching methodology, which has allowed me to acquire, in a practical way, a deep knowledge of the subject thanks to which I notice how every day I develop in a more efficient way in my work"

08

Course Management

The program's teaching staff includes leading experts in Project Management and Direction, who bring to this program the experience of their years of work. Furthermore, other renowned specialists in related disciplines participate in designing and preparing the course, making it a unique and highly nourishing academic experience for students.





“

*A complete teaching staff to train
you for professional success”*

Management



Mr. 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

TECH is aware that studying a program like this entails great economic, professional and, of course, personal investment. The ultimate goal of carrying out this great effort must be to achieve professional growth, and this is achieved thanks to an academic program that offers the best educational offer of the moment in this sector.





“

Our main challenge is to generate a positive change in your career and, therefore, we are fully involved in helping you to achieve it"

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

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

If you want to improve yourself, make a positive change at a professional level and interact with the best, this is the place for you.

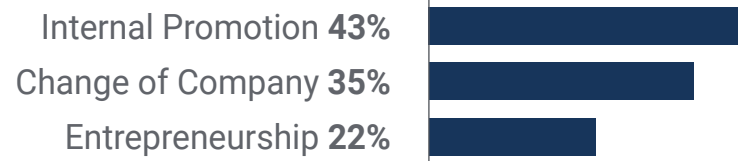
In order to achieve a positive change at a professional level, it is necessary to make an effort and update your knowledge. Don't think twice and enroll with us.

TECH is the best option you can find to improve your professional skills.

When the change occurs



Type of change



Salary increase

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



10

Benefits for Your Company

The Postgraduate Certificate in Agile Methodologies is a program for management professionals who wish to update their knowledge, discover new project management methods and advance their professional careers. This program is aimed at senior managers, project managers, functional managers whose staff is assigned to projects, consultants and specialists in project management and related aspects, and anyone else interested in management functions. The diversity of participants with different academic profiles and multiple nationalities constitutes the multidisciplinary approach of this program.





“

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

Bringing to the company new concepts, strategies and perspectives that can bring about relevant 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

Be able to make decisions in times of uncertainty and crisis, helping the organization to overcome obstacles.

04

Increased international expansion possibilities

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



05

Project Development

Be able to work on a real project or develop new projects in the R+D or Business Development area of your company.

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





“

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

This **Postgraduate Certificate in Agile Methodologies** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

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

Degree: **Postgraduate Certificate in Agile Methodologies**

Official N° of Hours: **150 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.



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