

Postgraduate Certificate Technology Project Schedule Management





Postgraduate Certificate Technology Project Schedule Management

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Target Group: professionals in the technology area who want to take on the management of companies and projects of this nature

Website: www.techtute.com/us/school-of-business/postgraduate-certificate/technology-project-schedule-management

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01 Welcome

Schedule Management is one of the most critical elements when talking about a technology project. In this sense, good schedule management involves monitoring the status of the project step by step, in accordance with the deadlines set in order to record the progress of the work and focus on any changes that may arise and affect the timeline. To carry out this work successfully, it is crucial that professionals acquire specific training in this area. This can be done through training programs such as this one, with which the professional will acquire a series of tools that will add value to their curriculum and will make them a highly important asset for both national and international companies.



Postgraduate Certificate in Technology Project Schedule Management.
TECH Global University



“

Schedule management is a critical element in the management of a technology project. Learn everything you need to know in this area with this TECH Postgraduate Certificate"

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:



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 methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



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.



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 Harvard Business School case studies"

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 TECH Postgraduate Certificate was created with the fundamental objective of promoting the acquisition of professional competencies in the student in the area of schedule management in Technology Projects. For this purpose, them in an orderly manner a series of topics full of theoretical and practical content have been designed to help students put into action what they have learned. Thus, after completing this program, you will know all the tools and techniques that help to control the deadlines set in a technology project.



“

You will enter an academic program that will help you meet your career goals and position yourself as an expert in this area”

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

The Postgraduate Certificate in Technology Project Schedule Management will enable the student to:

01

Master advanced business management tools to identify and anticipate opportunities, allocate resources and organize information

02

Select, motivate and manage people, make decisions, achieve proposed objectives and evaluate results





03

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

04

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

05

Structure and Content

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



“

You will study from ten intensive subjects that will teach you everything you need to practice in this exciting field"

Syllabus

In this course, special attention will be paid to one of the key aspects in the management of technological projects: the schedule. In this sense, the importance of controlling and managing processes and their compliance with the established schedule will be analyzed.

In the same way, within the syllabus of this Postgraduate Certificate, the process of creating and controlling the schedule, as well as its subsequent follow-up, will be studied in depth. In the same way, important terms such as analog, parametric or bottom-up estimations will be discussed.

At the end of this course, the professional will be able to control the management of the schedule in all its phases, acquiring the necessary skills to make relevant decisions for the development of the project in time and form.

All this development will be carried out by professionals recognized and valued worldwide. In this way, the student learns from the best in the sector and is provided with the most effective learning system on the market and a stimulating and attractive Academic process.

In addition, it will be a 100% online training that gives the student the ease of being able to take it wherever and whenever he/she wants. All you need is a device with internet access, and you will be able to access a universe of knowledge that will be the main asset of the engineer when positioning themselves in a sector that is increasingly in demand by companies in various sectors.

This Postgraduate Certificate takes place over 6 weeks and is divided into the following syllabus:

Module 1

Time Management of Technology Projects



Where, When and How is it Taught?

TECH offers the possibility of taking this program completely online. Throughout the 6 weeks of the duration of the training, 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. Time Management of Technology Projects

1.1. Estimated Duration of Project Tasks

- 1.1.1. Three-value Estimation
 - 1.1.1.1. Most Likely (tM)
 - 1.1.1.2. Optimistic (tO)
 - 1.1.1.3. Pessimistic (tP)
- 1.1.2. Analogous Estimate
- 1.1.3. Parametric Estimation
- 1.1.4. Bottom-up Estimates
- 1.1.5. Decision Making
- 1.1.6. Expert Judgment

1.2. Definition of the Activities and Breakdown of the Project Work

- 1.2.1. Decomposition
- 1.2.2. Define the Activities
- 1.2.3. Project Work Breakdown
- 1.2.4. Activity Attributes
- 1.2.5. List of Milestones

1.3. Activity Sequencing

- 1.3.1. List of Activities
- 1.3.2. Activity Milestones
- 1.3.3. Provenance Diagramming Method
- 1.3.4. Determination and Integration of the Units
- 1.3.5. Advances and Delays
- 1.3.6. Project Schedule Network Diagram

1.4. Estimated Resources of the Activities

- 1.4.1. Register of Assumptions
- 1.4.2. List of Activities
- 1.4.3. Activity Milestones
- 1.4.4. Register of Assumptions
- 1.4.5. Lessons Learned Register
- 1.4.6. Project Team Assignments
- 1.4.7. Resource Breakdown Structure

1.5. Estimated of the Duration of Activities

- 1.5.1. Law of Diminishing Returns
- 1.5.2. Number of Resources
- 1.5.3. Technological Advances
- 1.5.4. Staff Motivation
- 1.5.5. Project Documentation

1.6. Development of the Timeline

- 1.6.1. Analysis of the Networks Timeline
- 1.6.2. Critical Path Method
- 1.6.3. Resource Optimization
 - 1.6.3.1. Resource Levelling
 - 1.6.3.2. Resource Stabilization
- 1.6.4. Advances and Delays
- 1.6.5. Schedule Compression
 - 1.6.5.1. Intensification
 - 1.6.5.2. Quick Execution
- 1.6.6. Baseline of the Timeline
- 1.6.7. Project Timeline
- 1.6.8. Timeline Data
- 1.6.9. Project Calendars

1.7. Types of Relationships and Types of Dependencies between all Project Activities

- 1.7.1. Obligatory Dependencies
- 1.7.2. Discretionary Units
 - 1.7.2.1. Preferred Logic
 - 1.7.2.2. Preferential Logic
 - 1.7.2.3. Soft Logic
- 1.7.3. External Units
- 1.7.4. Internal Units

1.8. Time Management Software for Technology Projects

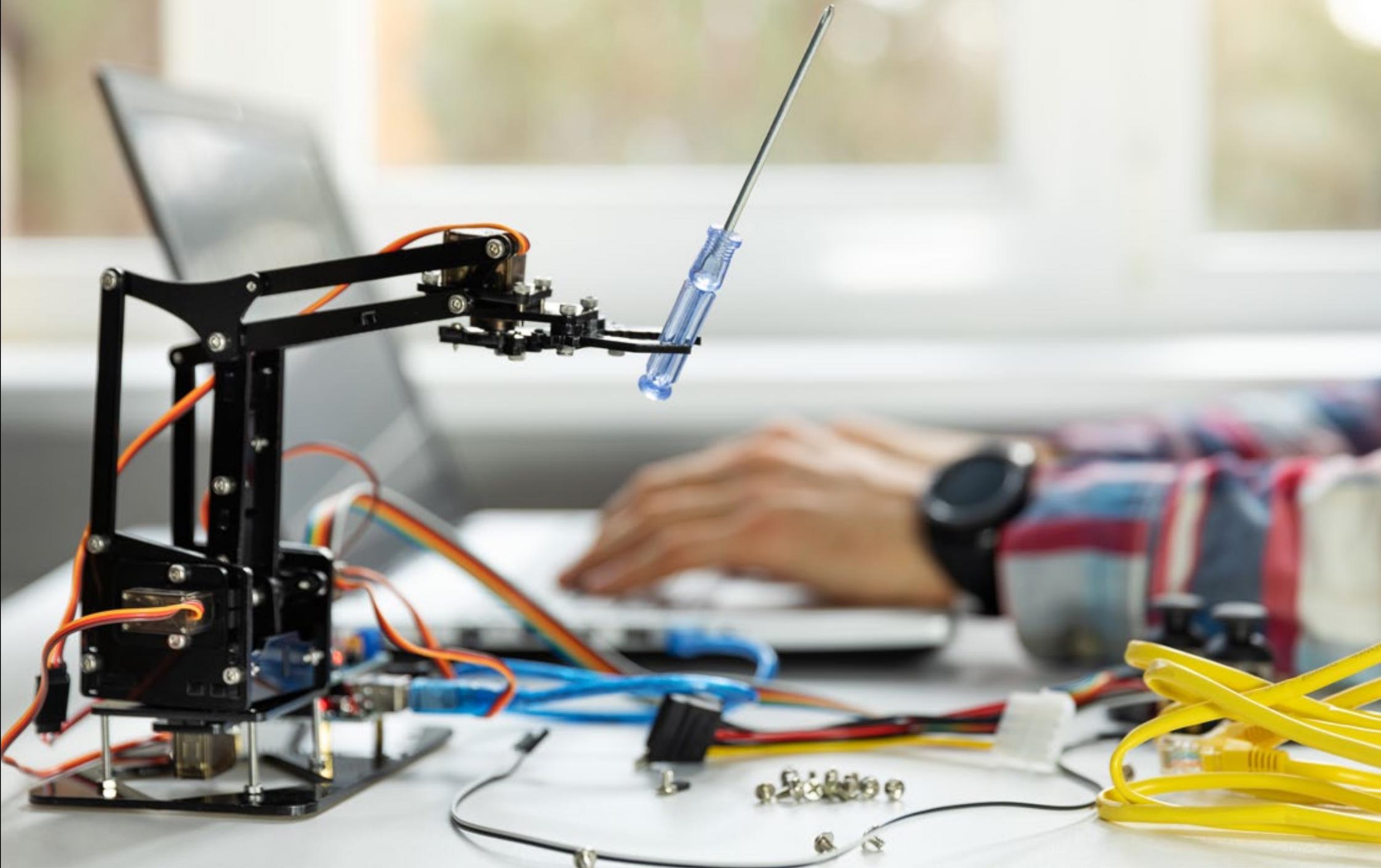
- 1.8.1. Analysis of Different Software
- 1.8.2. Types of Software
- 1.8.3. Functionalities and Coverage
- 1.8.4. Uses and Advantages

1.9. Timeline Control

- 1.9.1. Job Performance Information
- 1.9.2. Timeline Forecasts
- 1.9.3. Change Requests
- 1.9.4. Update to the Time Management Plan
- 1.9.5. Project Document Updates

1.10. Recalculation of Times

- 1.10.1. Critical Path
- 1.10.2. Calculation of Minimum and Maximum Times
- 1.10.3. Project Clearances
 - 1.10.3.1. What Is It?
 - 1.10.3.2. How to Use it?
- 1.10.4. Total Clearance
- 1.10.5. Free Clearance



06

Methodology

This training program offers 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"

At TECH Business School we use the Harvard case method

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

“

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



We are the first online university to combine Harvard Business School case studies with a 100% online learning system based on repetition.



A learning method that is different and innovative

This intensive program from TECH Global University School of Business prepares students to face all the challenges in this area, both nationally and internationally.

We are committed to promoting personal and professional growth, the best way to strive for success, that is why TECH uses Harvard case studies, with which we have a strategic agreement that allows us to provide our students with material from the best university the world.

“ *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

Our university is the first in the world to combine Harvard University case studies with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance Harvard case studies 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.



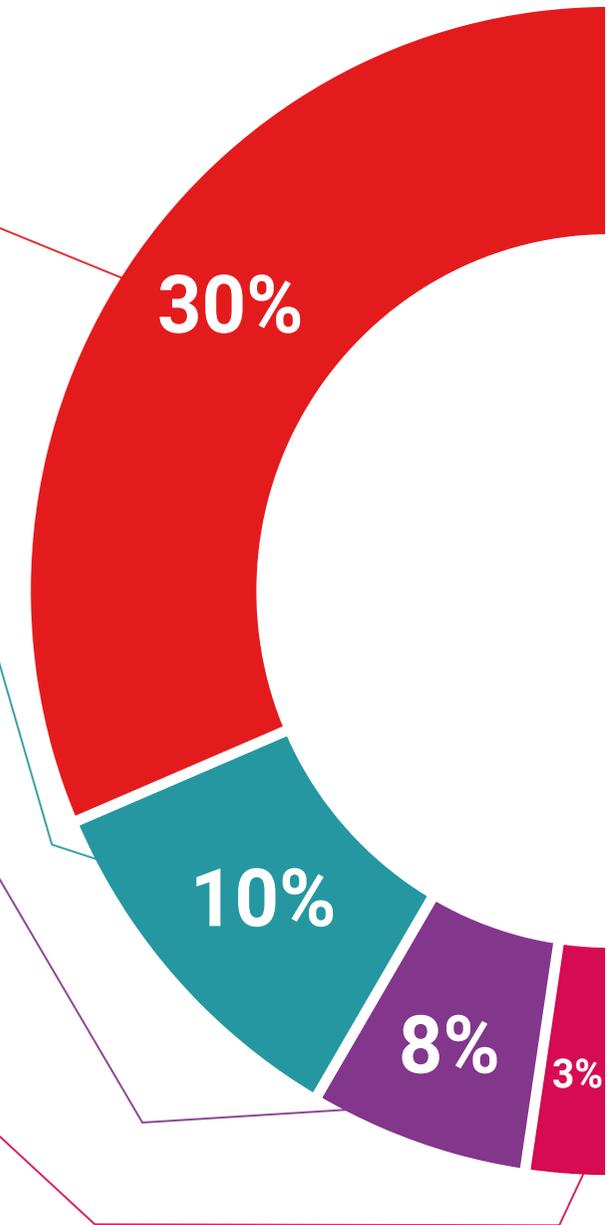
Management Skills Exercises

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

They will complete a selection of the best business cases used at Harvard Business School. Cases that are presented, analyzed, and supervised by the best senior management specialists in Latin America.



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 multimedia content presentation training Exclusive system 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 your goals.



07

Our Students' Profiles

This Postgraduate Certificate in Technology Project Schedule Management is a program aimed at experienced professionals who want to update their knowledge and advance in their professional career. This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.





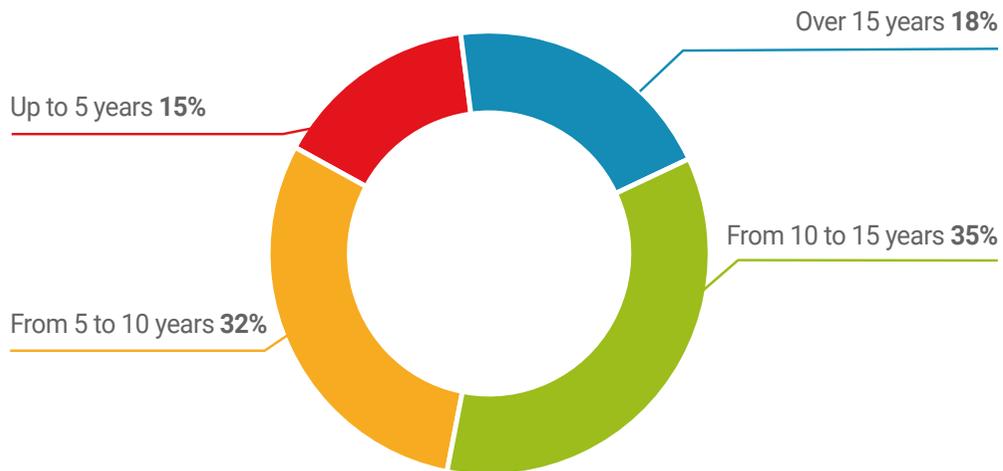
“

Become part of our select group of graduates and learn first hand how their careers have taken a turn towards excellence by studying at TECH”

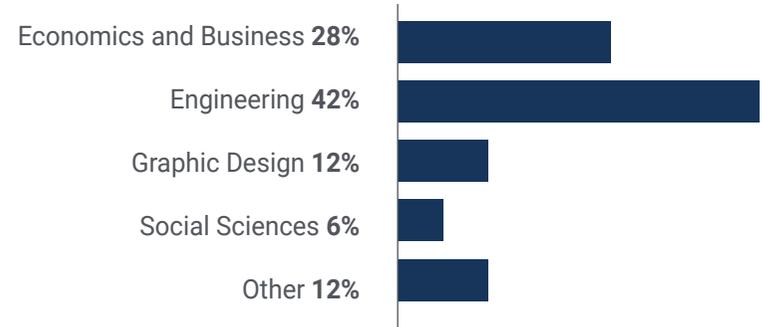
Average Age

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

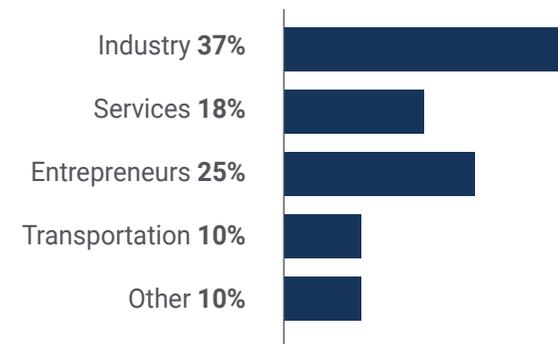
Years of Experience



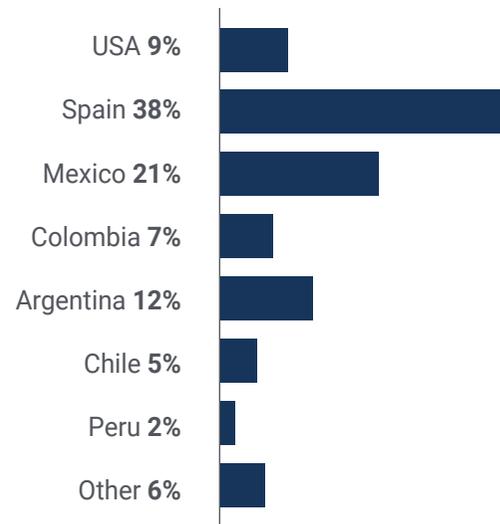
Training



Academic Profile



Geographical Distribution



Juan Alberto Santos Álvarez

Technology project manager

"I have done several online academic programs, but none like this one. The methodology and syllabus have been top notch and I would definitely choose this University again for my next apprenticeship"

08

Course Management

The program includes in its teaching staff experts of reference in the field of marketing and fashion, who contribute their years of work experience to this syllabus as well as the link they have maintained throughout their professional careers with this exclusive environment. Other experts of recognized prestige in related areas also participate in its design and elaboration, completing the syllabus of the qualification in an interdisciplinary way, making it a unique experience at an academic level for the student.



“

Learn the latest Data Driven insights on Marketing for Luxury Brands and boost your career path to the 21st century luxury customer"

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.



D. DeAngelis, J. Michael

- ◆ 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"

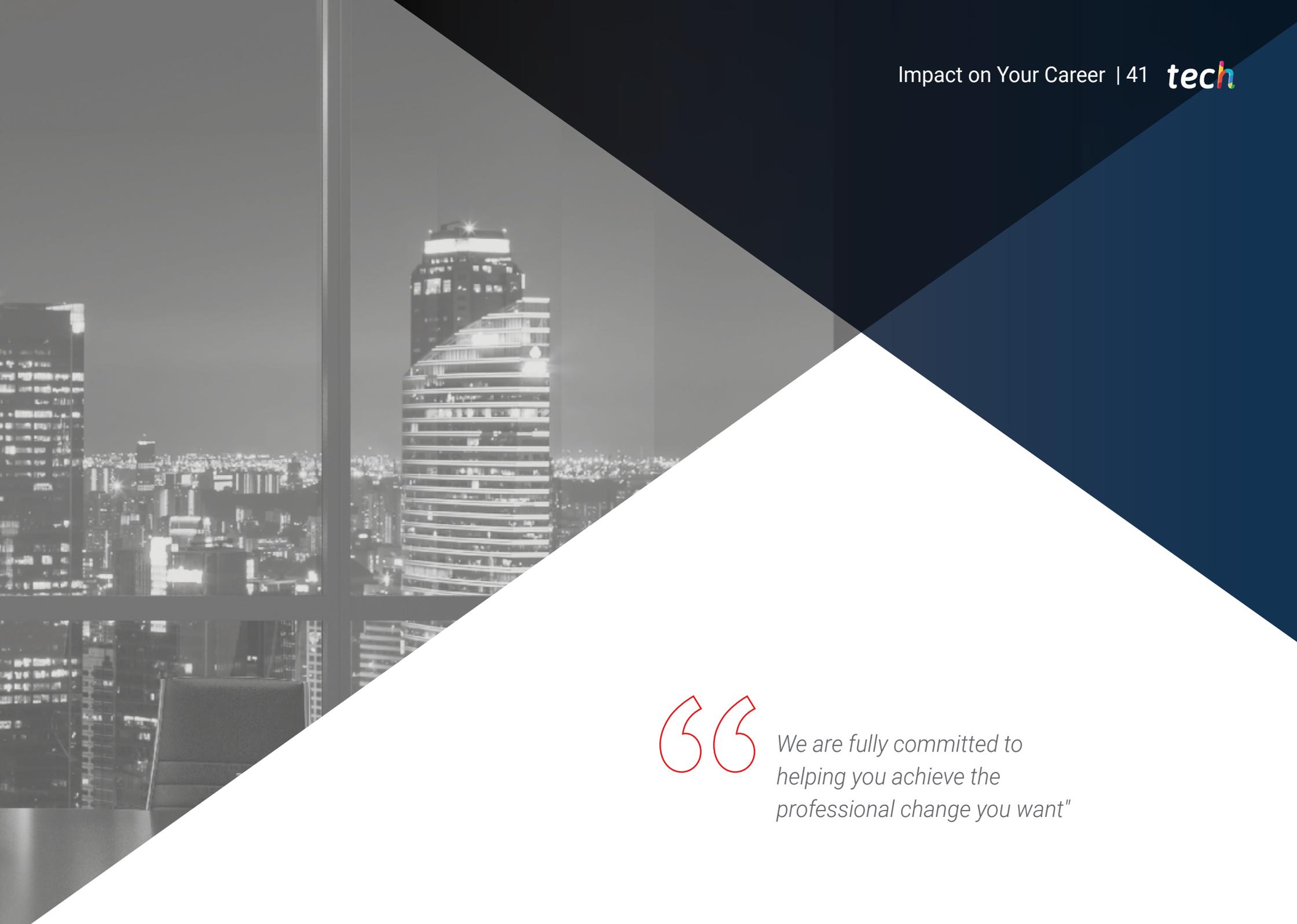
08

Impact on Your Career

TECH is aware that taking a program of these characteristics is a great economic, professional and, of course, personal investment. The ultimate goal of this great effort should be to achieve professional growth.

For this reason, TECH puts all its efforts and tools at the student's disposal so that they can acquire the necessary skills and abilities to achieve this change.





“

We are fully committed to helping you achieve the professional change you want”

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.

If a student wants to improve themselves, make a positive change at a professional level and interact with the best, they will find their place at TECH.

Do not miss the opportunity to train with us and you will find the improvement you were looking for.

If you want to make a positive change in your profession, this is your opportunity.

When the change occurs

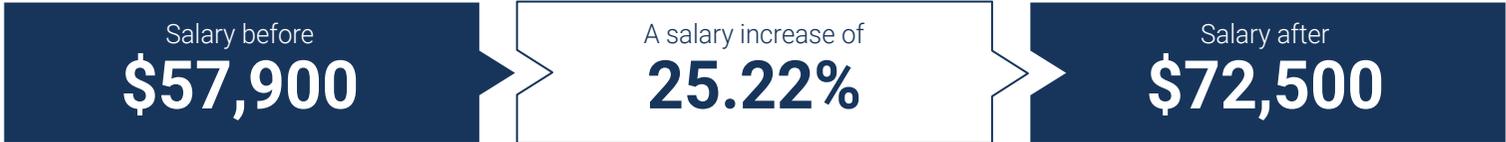


Type of change



Salary increase

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



09

Benefits for Your Company

The Postgraduate Certificate in Technology Project Schedule Management helps raise the organization's talent to its maximum potential by training high-level leaders. Therefore, participating in this academic program will not only improve you on a personal level, but, above all, on a professional level, enhancing your training and improving your managerial skills. Additionally, joining TECH's educational community is a unique opportunity to access a powerful network of contacts in which to find future professional partners, Customers, or suppliers.



“

After studying with us you will be able to bring new approaches and strategies to your company that will be a bonus for its development”

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

01

Intellectual Capital and Talent Growth

The manager will bring new concepts to the company, strategies and perspectives that can lead to 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

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

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

06

Increased competitiveness

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

10 Certificate

The Postgraduate Certificate in Technology Project Schedule Management guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Global University.



“

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

This program will allow you to obtain your **Postgraduate Certificate in Technology Project Schedule Management** 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 Technology Project Schedule Management**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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Postgraduate Certificate

Technology Project Schedule Management

