Postgraduate Certificate

Basic Principles for the Management of a Technology Project

tech global university

tech global university

Postgraduate Certificate
Basic Principles for the Management of a Technology Project

- » 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.techtitute.com/us/school-of-business/postgraduate-certificate/basic-principles-management-technology-project**

Index

01
Welcome

A technology project is understood as any process aimed at achieving a specific R&D objective within a specific time frame and with a well-defined budget. However, in order for all these parts to be adequately supported, this type of project requires the figure of a director to govern and organize both the team and the activities. Therefore, this TECH program will train professionals to be able to lead this type of projects in such a way that resources are managed and administered in order to achieve the scope, time and costs of the activity.

These skills will revalue the student's professional profile and make them a vital asset for technology companies, which are fully aware that only by adapting to the demands of today's world will they ensure their survival and growth.

Postgraduate Certificate in Basic Principles for the Management of a Technology Project.
TECH Global University

Go into an intensive training and start operating as a technology project manager by studying at TECH"

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.

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.

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.

At TECH, you will have access to the most rigorous and up-to-date case studies in the academic community"

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.

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 Postgraduate Certificate will provide the student with the knowledge and techniques necessary to efficiently manage technological projects, positioning them as a director in this area. A training that will enable them to lead and manage projects of lesser or greater intensity and complexity, with the ability to intervene and plan smoothly and to develop successfully in all areas in which this action takes place, both internally and externally. Thus, after completing this program, you will know all the aspects that influence the success of a technology project, from the planning phase to cost and time management.

"If what you want is to grow your professional career, with the guarantees offered by studying at a great university, then this Postgraduate Certificate is for you"

TECH makes the objectives of its students its own.
We work together to achieve them
The **Postgraduate Certificate in Basic Principles for the Management of a Technology Project** will enable the student to:

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

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

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

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

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

06 Determine the best tools and techniques for project delivery and closure

05

Structure and Content

The Postgraduate Certificate in Basic Principles for the Management of a Technology Project is a made-to-measure program that is taught in a 100% online format. This way, you can choose the time and place that best suits your availability, schedule, and interests.

A 6-week program that aims to be a unique and stimulating experience that will lay the foundations for success in corporate reputation management.

We will provide you with the largest library of contents and materials in the Spanish-speaking market so that you will have a theoretical basis to face your daily activity"

Syllabus

The contents of this Postgraduate Certificate are aimed at professionals who want to develop their work activity in the area of technological projects. For this reason, and to ensure that the skills acquired by the student are first class, a teaching staff made up of experts with years of experience has been in charge of generating all the didactic material for this training.

The syllabus will provide a theoretical deepening of what a technological project is and the objectives it pursues. In this sense, this type of activity will be defined as work aimed at achieving a specific R&D objective within a defined time interval and at an agreed cost.

Likewise, during the course of the program we will delve into how project management is in charge of organizing and managing resources in such a way that all the processes required by the work can be completed, taking into account the scope, time and budget.

In addition, the content of the Postgraduate Certificate will lay the foundations of the parts that make up the management of a technological project. In this line, the current regulations in this area will be explained, as well as the development of a plan to guide the management and design of the work. In this way, and from a transversal point of view, the student will learn how to manage an assignment in a global way, meeting the work objectives and generating a sense of professional and personal satisfaction.

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 training process.

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

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

Where, When and How is it Taught?

TECH offers you the possibility of taking this program completely online. Throughout the 6 weeks of 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. Introduction to the Design and Management of Technology Projects and Management of the Integration of Technology Projects

1.1. Introduction to Technology Project Management
1.1.1. Project Manager Role
1.1.2. Project Definition
1.1.3. Organisational Structure

1.2. Project Management, Program Management and Portfolio Management
1.2.1. Portfolios, Programs and Projects
1.2.2. Strategic Management

1.3. Standards and Best Practices for the Management of Technological Projects
1.3.1. Prince 2
1.3.2. PMP
1.3.3. ISO 21500:2012

1.4. Organizational Influences on Technology Project Design and Management
1.4.1. Environmental Factors in an Enterprise
1.4.2. Process Assets of an Organization

1.5. Processes of Technology Project Management
1.5.1. Life Cycle of Technology Projects
1.5.2. Process Groups
1.5.3. Dynamics of Process Groups

1.6. Development of the Act of Incorporation of Technological Projects
1.6.1. Definition of the Act of Incorporation of Technological Projects
1.6.2. Tools and Techniques

1.7. Development of the Plan for the Design and Management of Technological Projects
1.7.1. Definition of the Plan for the Design and Management of Technological Projects
1.7.2. Tools and Techniques

1.8. Knowledge Management of Technological Projects
1.8.1. Importance of Knowledge Management in Technology Projects
1.8.2. Tools and Techniques

1.9. Monitor the Work of the Technological Projects
1.9.1. Work Monitoring and Control
1.9.2. Follow-up Reports on Technological Projects
1.9.3. Tools and Techniques

1.10. Integrated Change Control in Technology Projects
1.10.1. Project Change Control Objectives and Benefits
1.10.2. CCB (Change Control Board)
1.10.3. Tools and Techniques

1.11. Delivery and Closing of Technological Projects
1.11.1. Objectives and Benefits of Closing a Project
1.11.2. Tools and Techniques

"Comprehensive training that will take you through the knowledge you need to compete among the best"
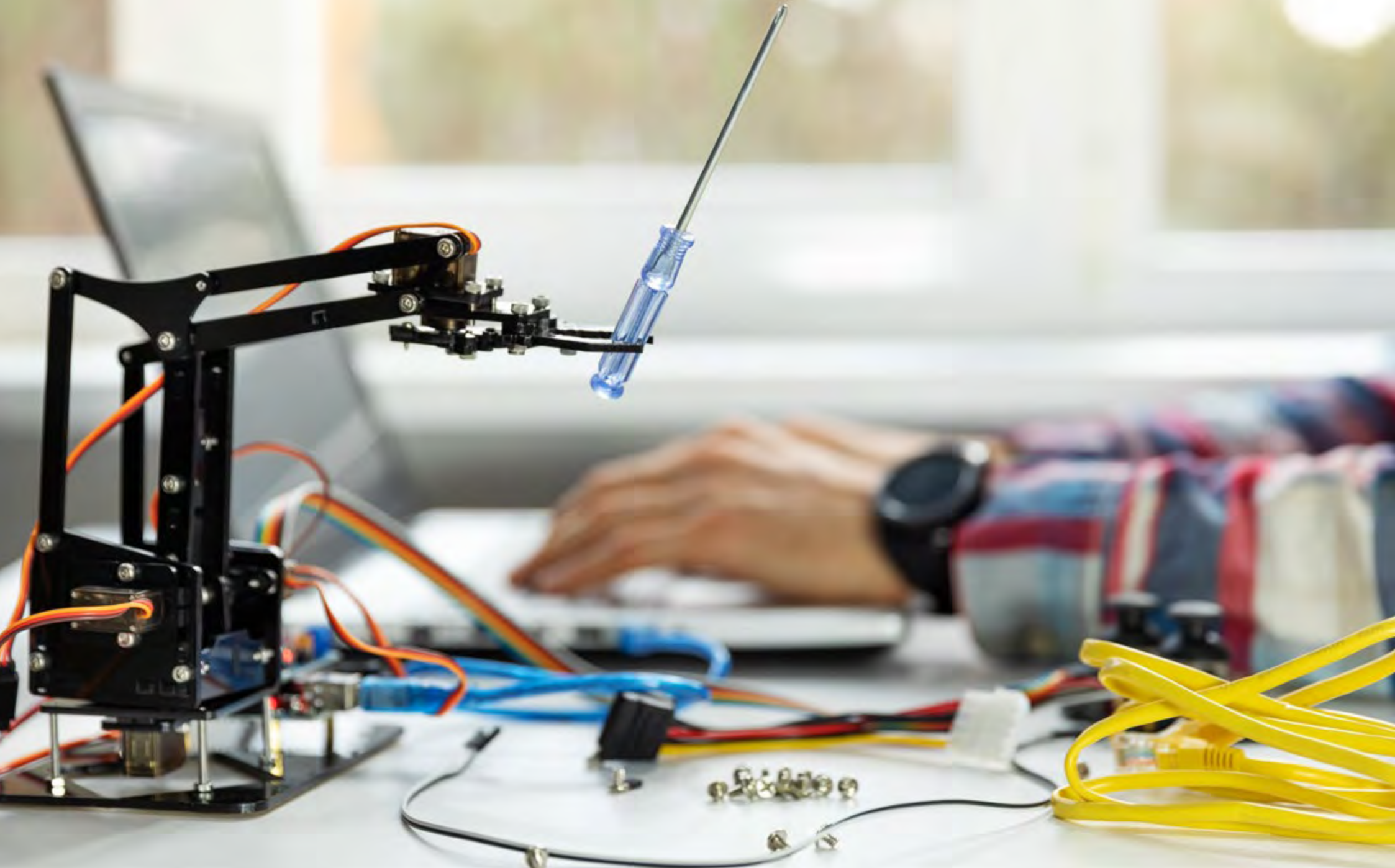
Methodology

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

30%

10%

8%

3%

30%

15%

4%

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.

Our Students' Profiles

The Postgraduate Certificate in Basic Principles for the Management of a Technology Project is a program aimed at professionals who seek an increase in their qualification in the area of management and work with technological projects and an improvement in their possibilities in the labor field.
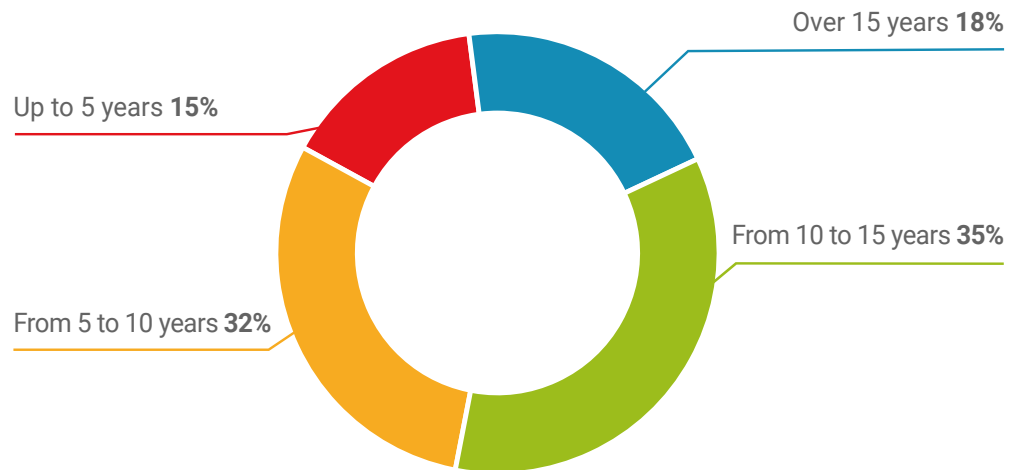
You are just one click away from becoming a TECH student and starting to see your professional dreams start to come true"

Average Age

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

Years of Experience

Over 15 years **18%**

Up to 5 years **15%**

From 10 to 15 years **35%**

From 5 to 10 years **32%**

Training

Economics and Business **28%**

Engineering **42%**

Graphic Design **12%**

Social Sciences **6%**

Other **12%**

Academic Profile

Industry **37%**

Services **18%**

Entrepreneurs **25%**

Transportation **10%**

Other **10%**
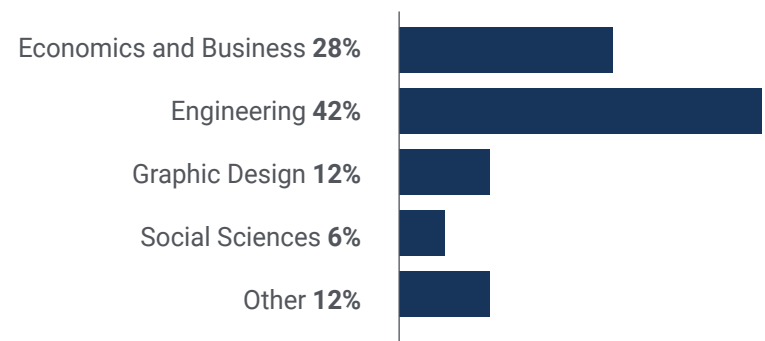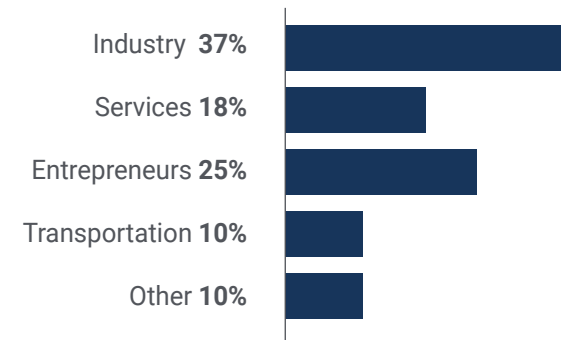
Geographical Distribution

USA **9%**

Spain **38%**

Mexico **21%**

Colombia **7%**

Argentina **12%**

Chile **5%**

Peru **2%**

Other **6%**
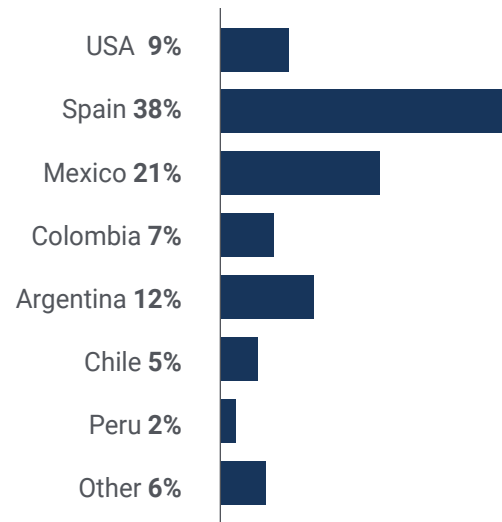
Pablo Pérez Armas

Technology Engineer

"After several years working in R&D, I felt it was time to take the plunge and start managing my own projects. That led me to choose this course and today I can say with total certainty that it was the right choice"

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.
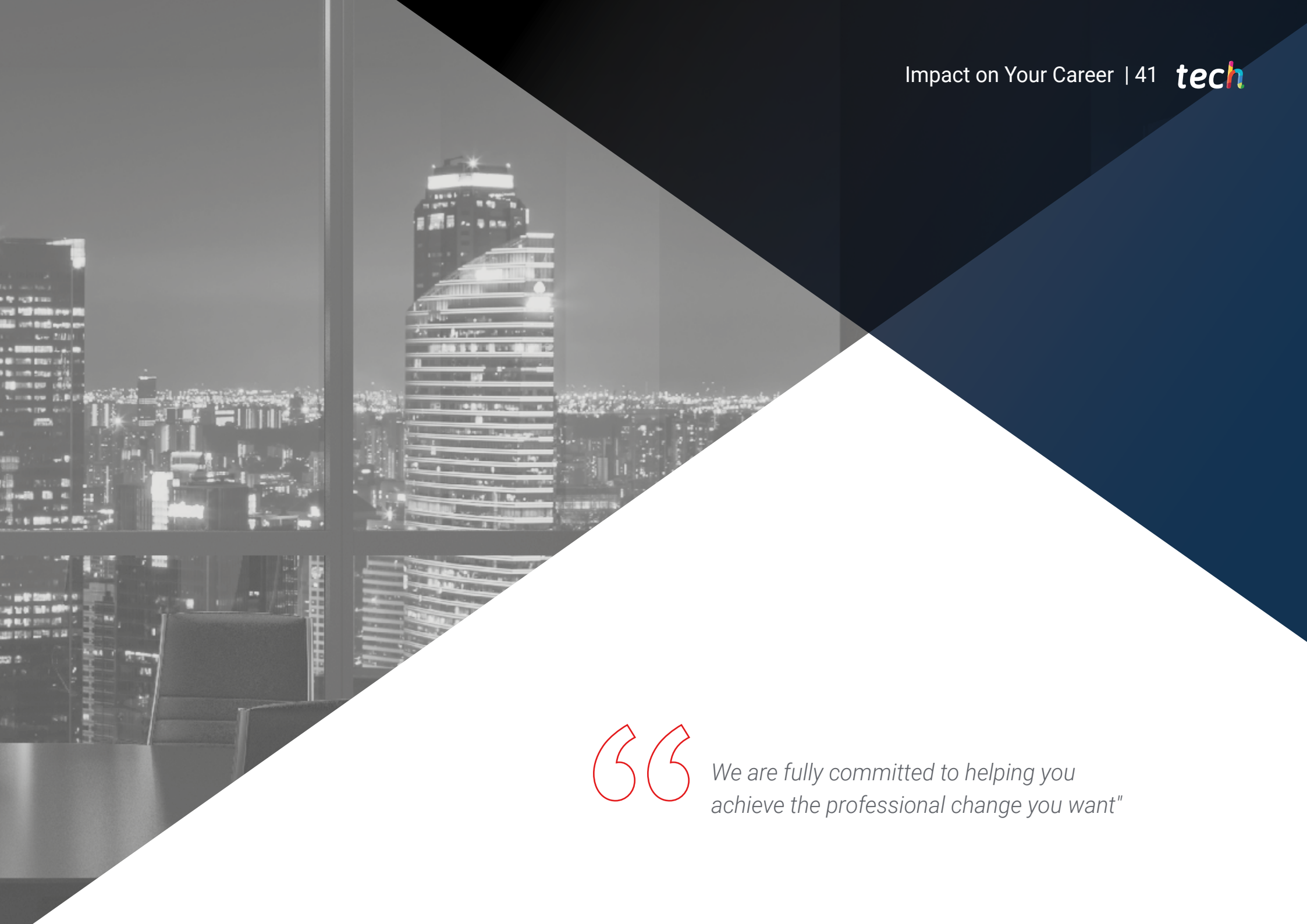
" *We are fully committed to helping you achieve the professional change you want"*

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, this is the place for them.

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

During the program	During the first year	After 2 years
21%	**43%**	**36%**

Type of change

Internal Promotion **30%**

Change of Company **45%**

Entrepreneurship **25%**
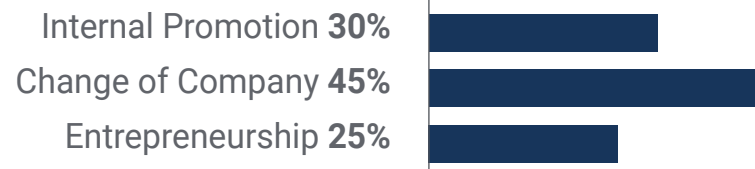
Salary increase

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

Salary before	A salary increase of	Salary after
$57,900	**25.22%**	**$72,500**

Benefits for Your Company

The Postgraduate Certificate in Basic Principles for the Management of a Technology Project 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, clients, 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 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.

tech

05

Project Development

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

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 Basic Principles for the Management of a Technology Project guarantees, 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 Basic Principles for the Management of a Technology Project** endorsed by **TECH Global University**, the world's largest online university.

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

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

Title: **Postgraduate Certificate in Basic Principles for the Management of a Technology Project**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

**Postgraduate Certificate in Basic Principles
for the Management of a Technology Project**

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

Dr. Pedro Navarro Illana
Rector

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

tech global university

Postgraduate Certificate
Basic Principles for the Management of a Technology Project

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

Postgraduate Certificate
Basic Principles for the Management of a Technology Project

tech global university