Postgraduate Diploma
Technology and Innovation

tech global university

Postgraduate Diploma
Technology and Innovation

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

Website: **www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-technology-innovation**

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01
Welcome

The need for professionals with expertise in IT innovation and technology techniques is increasing as the years go by and new systems become more complex to use. As the space for innovation is also shrinking, these new technicians must have precise leadership skills with which to thread together all the efforts of their creative team to find the most profitable methods of innovation. Due to this imperative market need, TECH has developed a program with which all those interested in improving their professional profile through innovation can also complement their education with efficient leadership skills and creation of new digital companies.

Postgraduate Diploma in Technology and Innovation.
TECH Global University

You will master the most recent and important technological tools to be a true leader in your field of action"

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:

Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.

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

Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (a postgraduate learning methodology with the highest international rating) with the Case Study. A complex balance between tradition and state-of-the-art, within the context of the most demanding academic itinerary.

Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

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

TECH's objective with this program is to provide its students with the best possible knowledge and skills in the field of technological innovation, instructing them in the issues necessary for them to exercise quality leadership in their field of work.

"

Your professional objectives will be fulfilled after acquiring the skills taught in this Postgraduate Diploma in Technology and Innovation"

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

The **Postgraduate Diploma in Technology and Innovation** will teach the student to:

01 Acquire management skills

04 Organize change management in the organization

02 Learn how to develop leadership in any organization

03 Identify talent management systems in the company

05 Develop the strategic communication of the company in all its areas

06 Make use of data to improve business management

07 Manage creativity in technological environments

08 Know the new entrepreneurship niches

Structure and Content

The Postgraduate Diploma in Technology and Innovation of TECH Global University is a high-quality program, focused on the professional improvement of its students through a specific methodology in the latest technological and innovative trends. With a teaching staff with extensive knowledge and experience in the subject, the student is guaranteed access to first class teaching material.

This is your big chance to succeed in the technology field. Don't miss it and formalize your registration today with TECH"

Syllabus

This Postgraduate Diploma in Technology and Innovation has been created to allow students to acquire the necessary knowledge in this subject, in an intensive and efficient way using the most advanced educational methodology in the market.

Therefore, over 450 hours of specialization, students will have an immersive experience in real business situations that use technology and innovation to their advantage, since the faculty has included in the theoretical content real case studies that support the rest of the teaching material in a contextual way.

It is therefore a unique educational experience for students, preparing them for a competitive business market in which they will be able to stand out by demonstrating their skills in the use of new technologies and the application of high-quality innovative methodologies.

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

Module 1.	Technology and Information in Digital Companies
Module 2.	Management and Leadership Development
Module 3.	Entrepreneurial Innovation and Initiative

Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Diploma in Technology and Innovation completely online. During the 6 months of the program, the student will be able to access all the contents of this program at any time, which will allow the student to self-manage his or her study time.

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

Module 1. Technology and Information in Digital Companies

1.1. Information Systems and Organization Strategy
1.1.1. Introduction to ICTs
1.1.2. Typology
1.1.3. ICT Influences
1.1.4. Competitive Advantages and Web 2.0

1.2. Information and Communication Technologies (ICTs)
1.2.1. Components
1.2.2. Infrastructure Evolution
1.2.3. ICT Infrastructure Administration

1.3. Hardware and Software
1.3.1. Hardware
1.3.2. Hardware Trends
1.3.3. Integration and Competition
1.3.4. Software and Platforms
1.3.5. Web 2.0 and Web Software

1.4. Networks
1.4.1. Corporate Networks and Connectivity Technologies
1.4.2. Transmission Types and Means
1.4.3. Internet, the Web, Web 2.0 and Web 3.0
1.4.4. Mobile and Wi-Fi Communication

1.5. Data Bases
1.5.1. Traditional Organization of Archives
1.5.2. Database Management Systems
1.5.3. Data Storage and Data Mining

1.6. Business Systems
1.6.1. Supply Chain Management
1.6.2. Customer Relationship Management
1.6.3. Trends of Business Systems

1.7. Other Applications of ICT in Businesses
1.7.1. Decision Support System
1.7.2. E-Commerce
1.7.3. E-Marketplaces

1.8. Information Systems Planning and Implementation
1.8.1. Basic Concepts and Systems Planning
1.8.2. Requirements Analysis and Design
1.8.3. Methodologies for Developing Information Systems

1.9. Information Systems Security
1.9.1. Malicious Software
1.9.2. Vulnerabilities of Information Systems
1.9.3. Computer Crimes

1.10. Ethical, Social and Political Questions of Information Systems
1.10.1. Intellectual Property and Information
1.10.2. Responsibility and Limitations
1.10.3. Data Quality

Module 2. Management and Leadership Development

2.1. People in Organizations
2.1.1. Quality of Work Life and Psychological Well-Being
2.1.2. Work Teams and Meeting Management
2.1.3. Coaching and Team Management
2.1.4. Managing Equality and Diversity

2.2. Talent Management
2.2.1. Managing Human Capital
2.2.2. Environment, Strategy, and Metrics
2.2.3. Innovation in People Management

2.3. Management and Leadership Development
2.3.1. Leadership and Leadership Styles
2.3.2. Motivation
2.3.3. Emotional Intelligence
2.3.4. Skills and Abilities of the Leader 2.0
2.3.5. Efficient Meetings

2.4. Change Management
2.4.1. Performance Analysis
2.4.2. Leading Change. Resistance to Change
2.4.3. Managing Change Processes
2.4.4. Managing Multicultural Teams

2.5. Strategic Communication
2.5.1. Interpersonal Communication
2.5.2. Communication Skills and Influence
2.5.3. Internal Communication and Comprehensive Communication Plan
2.5.4. Barriers to Business Communication

2.6. Negotiation and Conflict Management
2.6.1. Effective Negotiation Techniques
2.6.2. Interpersonal Conflicts
2.6.3. Intercultural Negotiation

Module 3. Entrepreneurial Innovation and Initiative

3.1. Introduction to Entrepreneurship Research
3.1.1. Entrepreneurship
3.1.2. Strengths and Weaknesses of a Business Plan

3.2. Introduction to Innovation Research
3.2.1. Historical Overview of Entrepreneurial Innovation
3.2.2. Technology Transfer Processes

3.3. Creativity
3.3.1. The Theoretical Framework of Ideation and Creation
3.3.2. Creativity and Innovation
3.3.3. Creative Companies
3.3.4. Creative Tools
3.3.5. Selection of Ideas

3.4. Agile Startups
3.4.1. Lean Startup Model
3.4.2. Development of Products and Services with Agile
3.4.3. DevOps in ICT Ventures

3.5. Innovation Management
3.5.1. Analysis of Types of Innovation
3.5.2. Innovation Levers
3.5.3. Scope of Innovation
3.5.4. Comparative Analysis of Innovation Cases
3.5.6. R+D Management

3.6. Entrepreneurial Context: Information Society
3.6.1. Entrepreneurs and their Time
3.6.2. Opportunities and Challenges of Contemporary Entrepreneurship

3.7. Globalization
3.7.1. Globalization
3.7.2. Lawyer and Detractors
3.7.3. Influence on the Entrepreneurial Project
3.7.4. Economic Analysis of International Environments

3.8. Project Management
3.8.1. The Business Plan
3.8.2. Conventional Project Management
3.8.2. Agile Project Management

3.9. Intrapreneurship
3.9.1. Intrapreneurship Specificities
3.9.2. Comparative Analysis of Intrapreneurship Cases

3.10. Future Tendencies
3.10.1. New Entrepreneurship Niches
3.10.2. Social Entrepreneurship
3.10.2. Entrepreneurship for Seniors

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.

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:
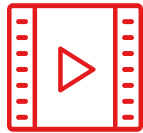
Study Material

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%
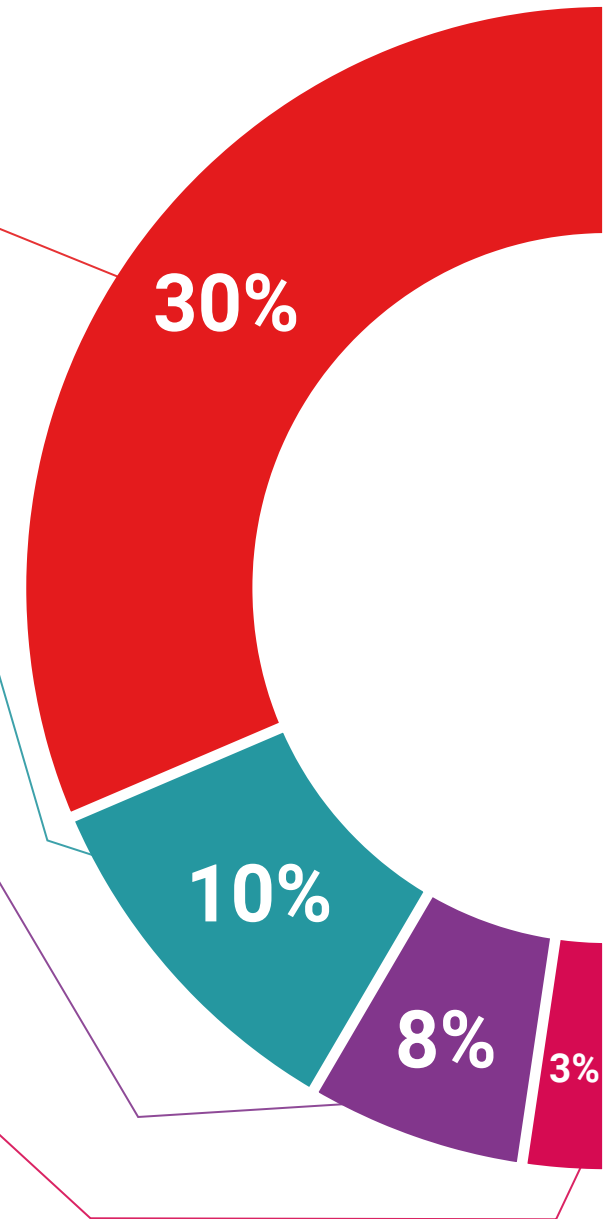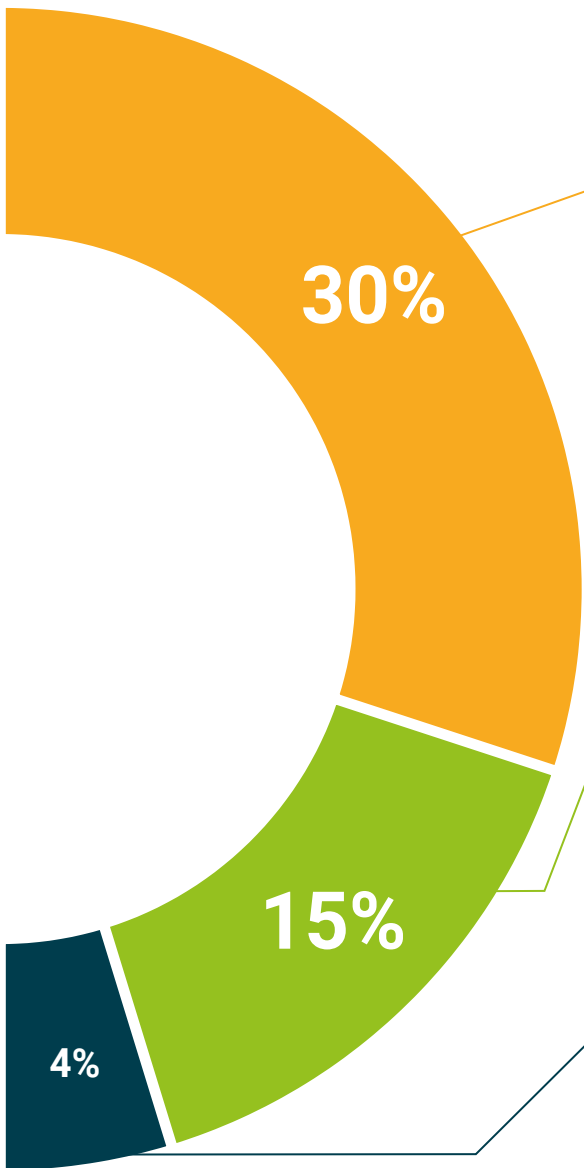
Case Studies

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

This Postgraduate Diploma in Technology and Innovation is aimed at all business or technology professionals who want to improve their careers and drive positive change through innovation and practical knowledge of the latest market trends.
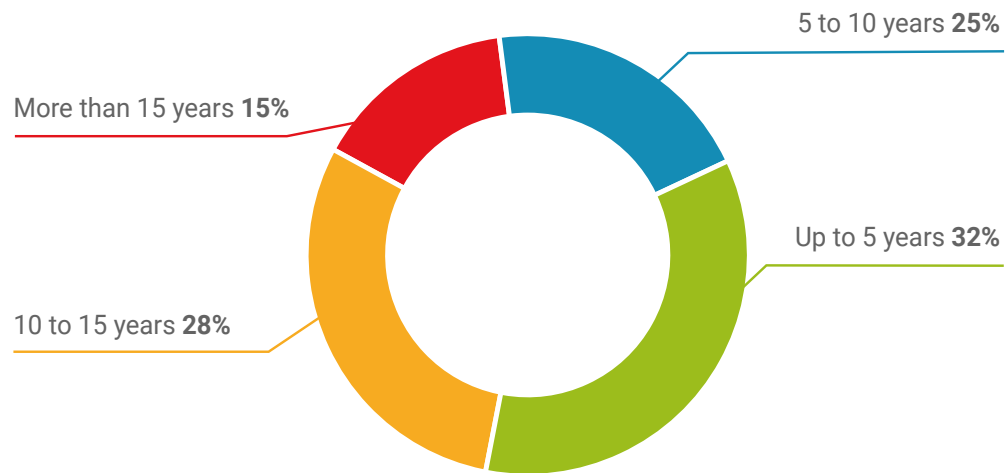
If you don't want to put aside your own professional or personal responsibilities while building a better working future, this is the program for you"

Average Age

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

Years of Experience

5 to 10 years **25%**

More than 15 years **15%**

Up to 5 years **32%**

10 to 15 years **28%**

Training

Business **22%**

Economics **35%**

Engineering **16%**

Social Sciences **17%**

Other **10%**

Academic Profile

Consulting **32%**

Banking **21%**

Entrepreneurs **20%**

Other **27%**
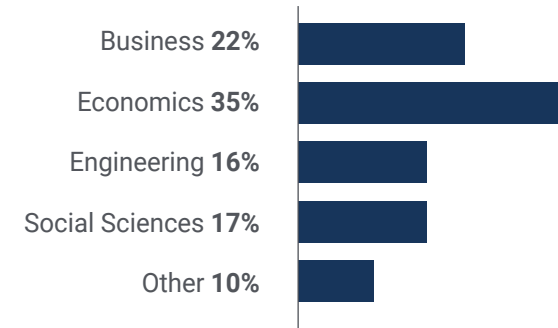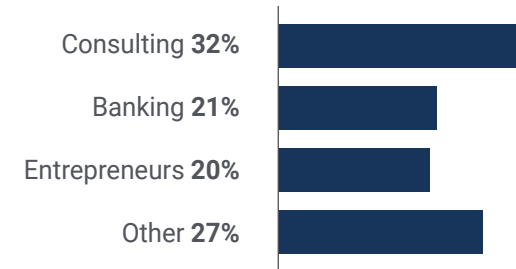
Geographical Distribution

USA **12%**

Spain **37%**

Mexico **23%**

Colombia **7%**

Chile **3%**

Argentina **10%**

Peru **2%**

Other **6%**
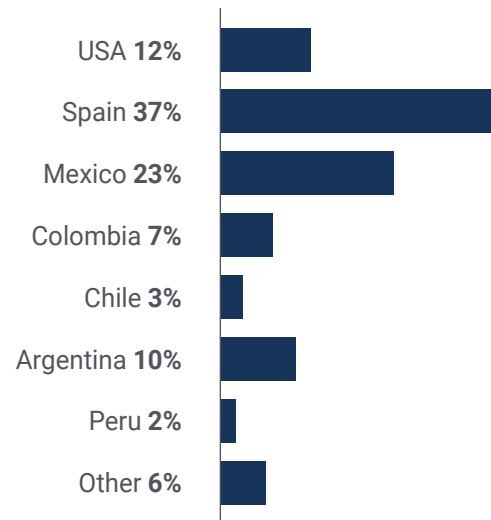
Rosa Pérez

Business Consultant

"I had not been able to pursue the specialization I wanted in Technology and Innovation because I found it impossible to combine it with my work. However, with this Postgraduate Diploma I have found it easy and comfortable, which has allowed me to complete it efficiently"

Course Management

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

We have a team of professionals with extensive experience that will help you during your learning process"

Impact on Your Career

The ultimate goal of undertaking the great effort of pursuing a program of this nature should be to achieve professional growth. TECH offers its students an unparalleled opportunity for improvement, which ensures a positive impact on their technology careers in a short period of time thanks to a complete and distinguished education in the sector.

Your goal is to reach the top of the technological and innovative positions. With TECH you will have all the advantages at your fingertips"

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

This program enables its students to obtain a considerable improvement in their job and economic prospects, for which they will have to make an effort to demonstrate that they are at the level of the work teams they aspire to lead.

Thanks to this programme you will receive a large number of job offers with which you will be able to start your professional growth.

The best way to achieve professional change is to increase your skills. So don't stop studying at TECH.

When the change occurs

During the program	During the first year	After 2 years
23%	**21%**	**56%**

Type of change

Internal Promotion **41%**

Change of Company **35%**

Entrepreneurship **24%**
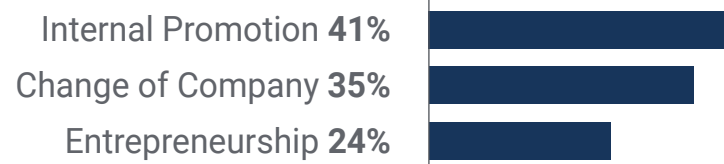
Salary increase

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

Salary before	A salary increase of	Salary after
$32,900	**25.22%**	**$41,200**

10
Benefits for Your Company

The Postgraduate Diploma in Technology and Innovation helps participating companies to elevate the talent and training of their employees in the highest managerial skills as well as in technology and innovation issues, so there are multiple benefits to choosing this program. Graduates bring unique leadership value thanks to TECH's advanced methodologies.

Your role is indispensable to carry out highly relevant research in the business field"

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

01

Intellectual Capital and Talent Growth

It will bring 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

You 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 Organisation will come into contact with the main markets in the world economy.

05

Project Development

Be able to work on a real project or develop new projects.

06

Increased Competitiveness

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

Certificate

The Postgraduate Diploma in Technology and Innovation guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

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

This program will allow you to obtain your **Postgraduate Diploma in Technology and Innovation** 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 Diploma in Technology and Innovation**

Modality: **online**

Duration: **6 months**

Credits: **6 ECTS**

tech global university

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

Postgraduate Diploma in Technology and Innovation

This is a program of 450 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.

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