

# Postgraduate Certificate Safety At Work





## Postgraduate Certificate Safety at Work

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/school-of-business/postgraduate-certificate/safety-work](http://www.techtute.com/us/school-of-business/postgraduate-certificate/safety-work)

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# 01

# Welcome

In a world where work environments are diverse and embody different types of risks that compromise the health of workers, it is vital for there to be a figure that guarantees the well-being of these people, whether on a physical or psychological level. For this reason, TECH professionals have designed this very complete Postgraduate Certificate that aims to train professionals to understand the importance of preserving optimal safety conditions in the work environment a means to care and maintain people's welfare.

Thus, after completing this training action, the student will ensure that, in addition to being prepared to successfully enter the labor market, he/she will be fully capable of undertaking his/her own business project, being able to prevent the risks of his/her sector and learning the legal aspects about them.



Postgraduate Certificate in Safety At Work. TECH Technological University



“

*This Postgraduate Certificate is the ideal tool for the manager or professional, as it will allow him/her to understand the occupational risks inherent to each position and offer optimal safety conditions for each of them”*

02

# Why Study at TECH?

TECH is the world's largest 100% online business school. We are an elite business school, with a model based on the highest academic standards. A world-class centre for intensive managerial skills training.



“

*Our value proposition is shaking the foundations of traditional business schools. We have the best academic resources, a teaching staff made up of the most outstanding practicing professionals and the most demanding methodology. And all at a disruptive price”*

## TECH - Technological University



### Innovation

We offer you an online learning model that combines the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition.

"*Microsoft Europe Success Story*", for integrating the innovative, interactive multi-video system into our programs. In addition, our team received the "Entrepreneur Award" at the Expoelearning 2010 World Congress, the most important elearning event in Spanish-speaking countries.



### The highest standards

Our admissions criteria are not economic. You don't need 100,000 US\$ to study with us. However, to become a TECH graduate, we will push your intelligence and problem-solving skills to the limit. Our academic standards are very high...

**95 %** | of TECH students successfully complete their studies



### Networking

We offer you an incomparable environment to exchange knowledge and for high quality networking.

**38000**  
executives trained each year

**23**  
different nationalities



### Empowerment

Grow hand in hand with the best, most prestigious and influential companies and professionals. We have developed strategic partnerships and a valuable network of contacts with major economic players both in Europe and America.

**+500** | collaborative agreements with leading companies



### Talent

We offer you a space to exchange ideas, experiences and reflections among executives, professionals, entrepreneurs and opinion leaders.

**> 150,000** alumni  
**400** E-seminares every year  
**40** research groups



### Multicultural Context

Share a unique experience with us. You will be studying in a multicultural context. In a program with a global vision.

**+ 35** nationalities





## What makes us unique



### Academic Excellence

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We offer you the best online learning methodology. We combine the re-learning method (the most internationally recognized postgraduate learning methodology) with Harvard Business School's *case studies*. A complex balance of traditional and state-of-the-art methods within the most demanding training framework.



### Economy of Scale

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We are the biggest. The TECH group has a portfolio of more than 1,500 postgraduate university courses. And in today's new economy, *volume + technology = a ground-breaking price*. At TECH, it's not about getting started, it's about finishing your studies successfully.



*We are not the most expensive. We are the best. Because of our innovative methodology, because of our collaboration with Harvard Business School and because we have the best teaching staff"*



### Learn with the best

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In the classroom, our teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context.

**+3000**

professors

**+20**

nationalities

**53%**

PhD holders  
who attended  
prestigious  
universities



### Analysis

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But above all, we explore your critical side, your ability to question things, your problem-solving skills, as well as your interpersonal skills.

03

# Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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 you a revolutionary approach to developing your managerial skills. Our goal is to strengthen your skills in a changing, competitive, and highly demanding environment.

“

*With TECH you can experience a way of learning that is shaking the foundations of traditional universities around the world”*



*Our school is the first in the world 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 TECH School of Business program is an intensive training program that prepares you to face business challenges and decisions on a managerial level, both on a national and international level. The main objective is to promote your personal and professional growth. For this purpose, we rely on the case studies of Harvard Business School, with which we have a strategic agreement that allows us to use the materials used in the most prestigious business school in the world: HARVARD.



*We are the only online university to offer Harvard's materials in its School of Business"*

*The student 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.

In a given situation, what would you do? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, you will be presented with multiple real cases. You will have to combine all your knowledge, and research, argue, and defend your ideas and decisions.

## Re-learning Methodology

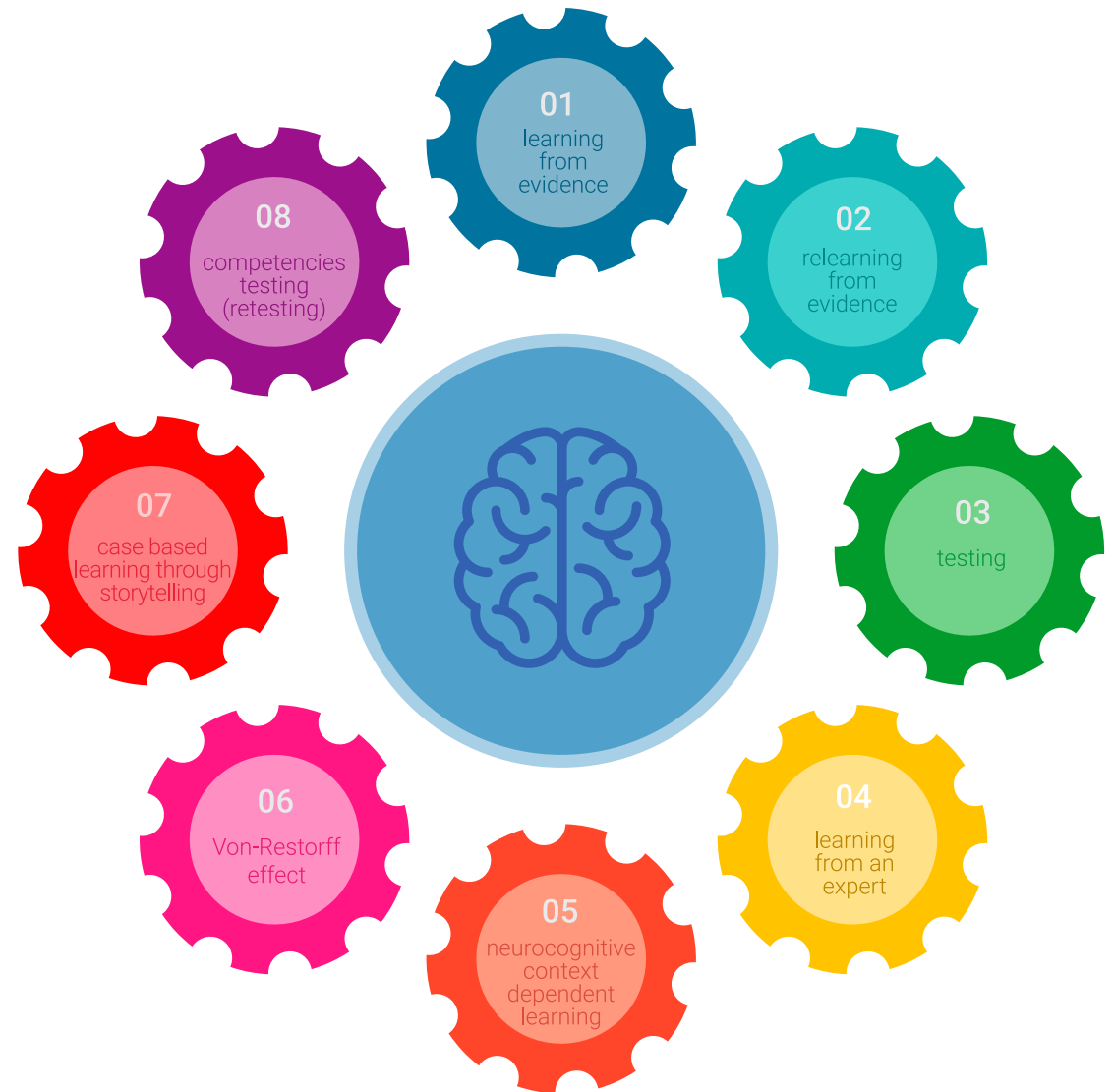
Our school is the first in the world to combine Harvard Business School case studies with a 100%-online learning system based on repetition, which combines 16 different teaching elements in each lesson.

We enhance Harvard case studies with the best 100% online teaching method: Re-learning.

*In 2019 we obtained the best learning results of all Spanish-language online universities in the world.*

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 Re-learning.

Our business school is the only one in Spanish-speaking countries 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 Spanish online university indicators.



In our program, learning is not a linear process, but rather a spiral (we 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.

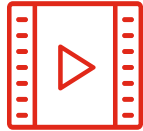
*Re-learning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

Based on the latest evidence in neuroscience, not only do we know how to organize information, ideas, images, memories, but we also know that the place and context where we have learned something is crucial for us to be able to remember it and store it in the hippocampus, and 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.



In this program you will have access to the best educational material, prepared with you 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 really specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



### 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 our difficult future decisions.



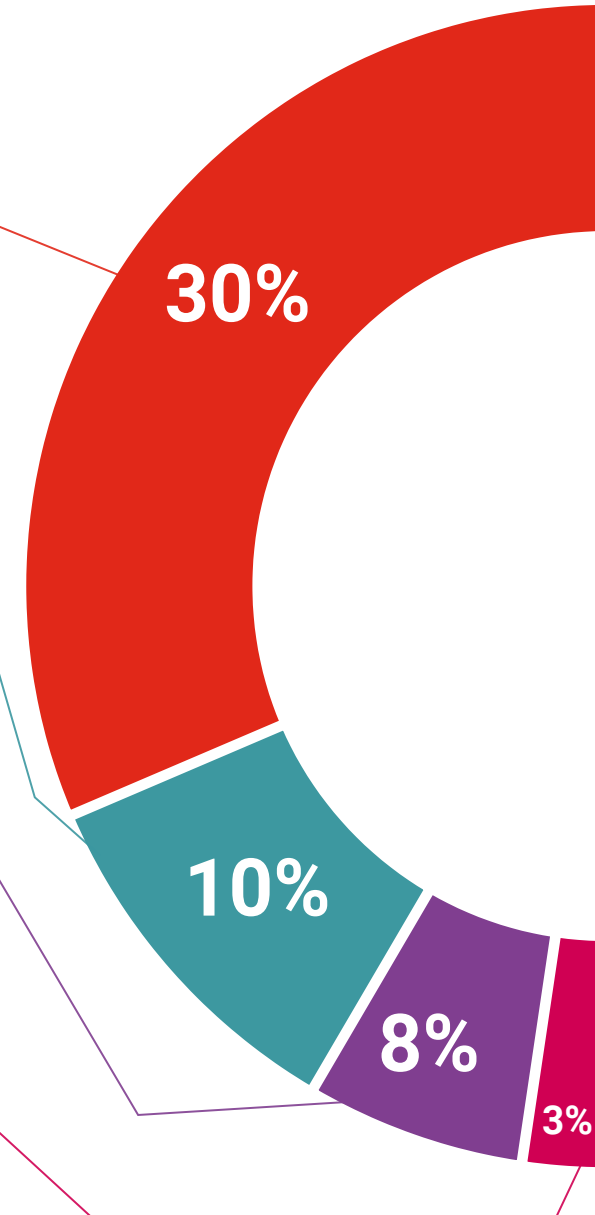
### Management Skills Exercises

You will carry out activities to develop specific managerial skills in each subject area. Exercises and activities to acquire and develop the skills and abilities that a senior manager needs to develop in the context of the globalization we live in.

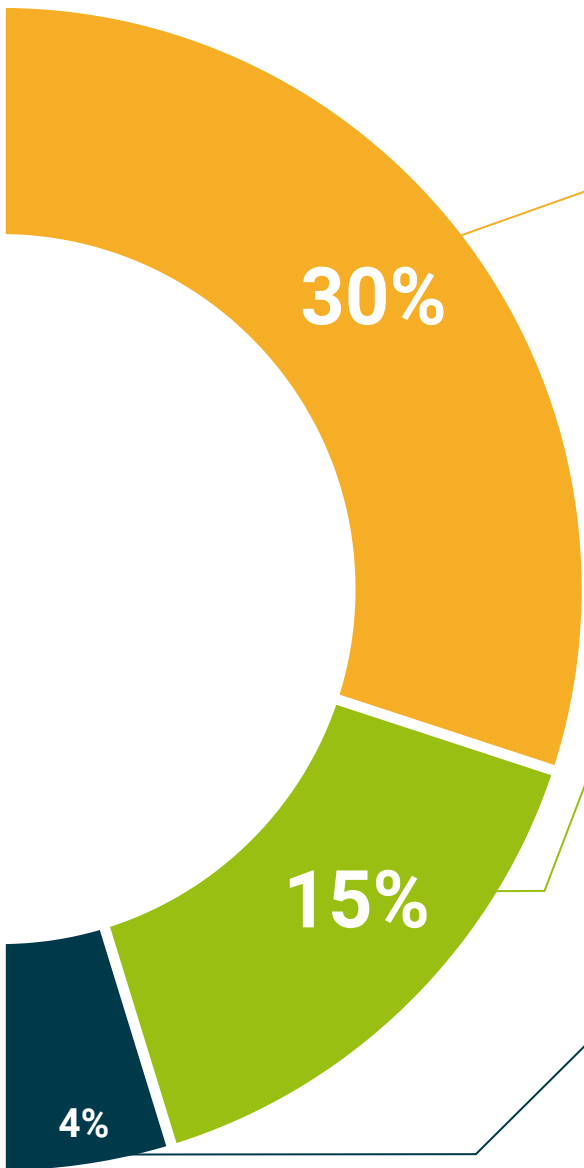


### Additional Reading

Recent articles, consensus documents, international guides... in our virtual library you will have access to everything you need to complete your training.







### Case Studies

You 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

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique training system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



# 04 Objectives

This comprehensive training program is specially designed to train professionals in all aspects of maintaining safety in the work environment and maximizing well-being within organizations of all sizes and sectors. In this way, the professional will acquire specific analysis and planning management skills that will enable him/her to become an expert in the field. All this, accompanied by the best teaching material and the best teachers in the sector



“

*The main objective that TECH pursues with this course is to train you to be able to manage the prevention of occupational hazards while always prioritizing safety in workplace processes"*

Your goals are our goals.

We work together to help you achieve them

The Postgraduate Certificate in Safety At Work will train you to:

01

Approach the concept of occupational accident

02

Accident analysis: before and after

03

Perform risk evaluations





04

Identify all types of specific techniques for specific hazards

05

Identification the types of Protective Equipment

05

# Structure and Content

The Postgraduate Certificate in Safety At Work is a tailor-made program that is taught 100% online so that you can choose the time and place that best suits your availability, schedule, and interests, and with the most complete and updated contents on the educational market.

A program that takes place over 6 weeks and is intended to be a unique and stimulating experience that lays the foundation for your professional success in the sector of hazard prevention in labor environments.



“

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

## Syllabus

The **Postgraduate Certificate in Safety At Work** of **TECH Technological University** is an intensive program that prepares you to face challenges and business decisions in the field of detecting possible dangers in the work environment.

The content of the **Postgraduate Certificate in Safety At Work** is designed to promote the development of professional skills that enable more thorough decision-making in uncertain environments. Thus, the program is designed to provide the student with an in-depth knowledge of the concept of occupational safety, occupational accidents, occupational diseases and risk assessment.

In the same way, the course will delve into the techniques to be applied before and after the possible accident, as well as safety standards. In this sense, the student will also learn about the legislation regarding order and cleanliness in the workplace, the existing protective equipment (both individual and collective) as well as the main risks to which the workers of an organization are exposed.

All over the course of **150 hours**, where the student will analyze a plethora of practical cases through individual and team work. It is, therefore, an authentic immersion in real business situations.

A plan designed for you, focused on your professional improvement and that prepares you to achieve excellence. A program that understands both yours and your company's needs through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional faculty, which will provide you with the skills to solve critical situations, creatively and efficiently.

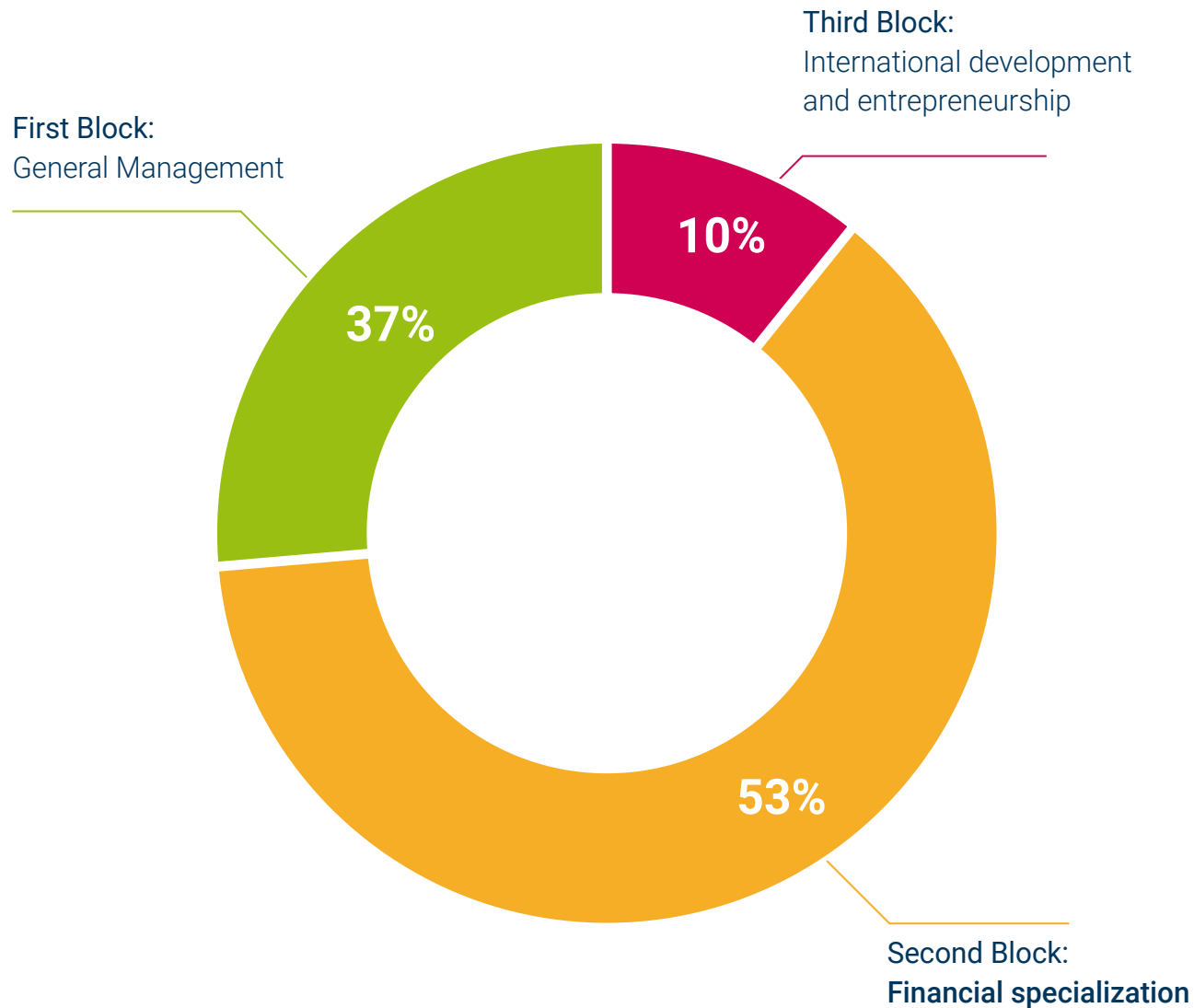
This **Postgraduate Certificate** takes place over **6 weeks** and is taught entirely online.

### Module 1

### Safety At Work



## Distribution of the subject matter



## Where, when, and how it is taught

This Postgraduate Certificate takes place over 6 weeks. . You can do it completely online, including attending our workshops and virtual conferences.



**Module 1. Safety At Work**

**1.1. The Occupational Accident**

- 1.1.1. Introduction
- 1.1.2. Definition From Several Points of View: Safety, Medicine and Legality
- 1.1.3. Occupational Safety: Scientific Safety and Integrated Safety
- 1.1.4. Causes of Accidents. The Human Factor and its Impact

**1.2. Statistical Analysis of Accidents.**

- 1.2.1. Introduction
- 1.2.2. Classification of Accidents: Factors and Systems
- 1.2.3. Statistical Indexes
- 1.2.4. Graphic Representation. Evolution of the Accident Rate in Spain.

**1.3. Safety Techniques**

- 1.3.1. Introduction
- 1.3.2. Concept and Definition of Safety Techniques
- 1.3.3. Classification of Safety Techniques
- 1.3.4. Analytical and Operative Techniques

**1.4. Risk Assessment**

- 1.4.1. Introduction
- 1.4.2. Definition of Risk Evaluation and Its Objective
- 1.4.3. Stages of Risk Evaluation.
- 1.4.4. Types of Risk Evaluation. Their Obligatory Nature.

**1.5. Analytical Techniques After the Accident. Investigating Accidents.**

- 1.5.1. Notifying Accidents
- 1.5.2. Recording Accidents
- 1.5.3. Investigating Accidents

**1.6. Analytical Techniques Prior to the Accident. Safety Inspections**

- 1.6.1. Safety Inspection
- 1.6.2. Work Analysis
- 1.6.3. Statistical Analysis

**1.7. Normalization.**

- 1.7.1. Safety Rules. Advantages of Normalization
- 1.7.2. Requirements and Characteristics of the Rules
- 1.7.3. Producing and Implementing Rules
- 1.7.4. Classification of the Rules

**1.8. Order and Cleanliness in the Workplace**

- 1.8.1. Introduction
- 1.8.2. Safety Signage
- 1.8.3. Panel Signage
- 1.8.4. The Color of Industry.

**1.9. Individual Protection**

- 1.9.1. Introduction
- 1.9.2. Concept of PPE. Conditions, Characteristics and Selection
- 1.9.3. PPE Classification
- 1.9.4. CE Conformity Marking. Use and Conservation

**1.10. Risks At Work**

- 1.10.1. Introduction
- 1.10.2. Classification of Risks at Work
- 1.10.3. Safety Techniques Applied to Machines

## The program is supplemented by

- ◆ Business Development Project
- ◆ Leadership, teamwork and negotiation workshops
- ◆ Networking events
- ◆ Activities aimed at professional development and personal branding
- ◆ Practical seminars
- ◆ Conferences given by high-level companies
- ◆ Career coaching services
- ◆ Participation in work and research groups
- ◆ Entrepreneur Club of TECH Technological University

“

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

## International seminars (optional)

The international weeks give you a closer look at these three axes of the global economy, what their business environment is like and what opportunities they hide.

New York



Bogotá



Mexico DF



London



Valencia



06

# Our Students' Profiles

The **Postgraduate Certificate in Safety At Work** is a program aimed at legal and management professionals who want to update their knowledge, discover new ways to ensure well-being at work through new processes that minimize the risks inherent to each type of job. All this taking into account the importance of preserving the safety and health of the company's employees. Thus, after the training, the professional will be able to position themselves as a manager, auditor or trainer in the field of Occupational Hazard Prevention.





“

*If you want to update your knowledge in Occupational Risk Prevention and act with the solvency and the guarantee that the best teaching staff provides then do not hesitate, this program is for you”*

### Average Age

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

### Years of Experience

14+ years **8.5%**

12-13 years **13.8%**

10-11 years **19.2%**

8-9 years **27.7%**

5 years **7.7%**

6-7 years **23.1%**



### Training

Business **51%**

Economics **30%**

Engineering **12%**

Social Sciences **7%**



### Academic Profile

Commercial / Private Banking **20 %**

Consulting **10 %**

Industry **13 %**

NGO / Public entities **5 %**

Venture capital **5 %**

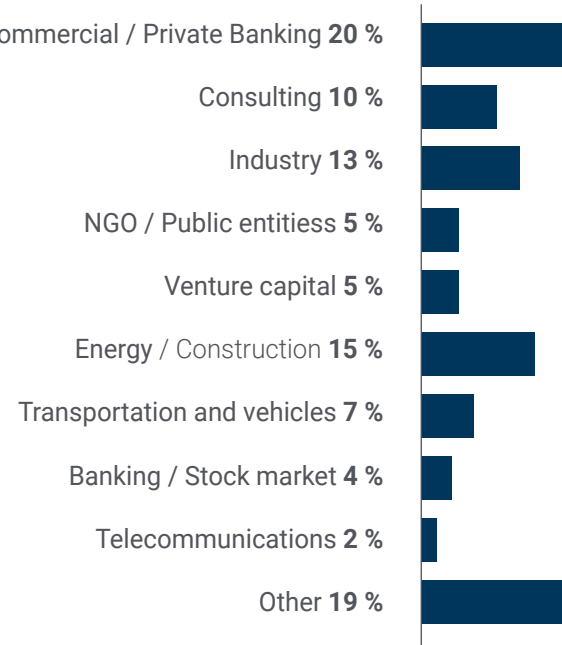
Energy / Construction **15 %**

Transportation and vehicles **7 %**

Banking / Stock market **4 %**

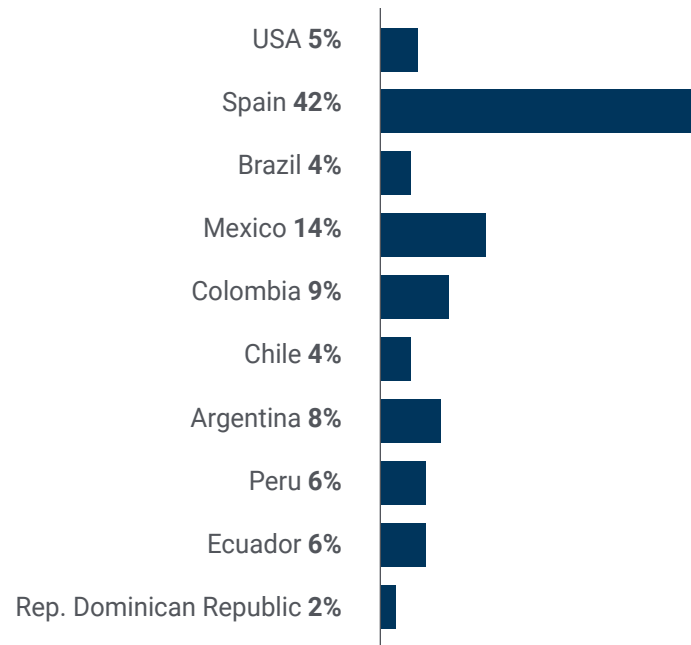
Telecommunications **2 %**

Other **19 %**



## Geographical Distribution

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## Juan Luis Medina

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CEO of textile company

*"This Postgraduate Certificate has undoubtedly been a unique and ideal training experience to update the knowledge of professionals in the sector. Personally, it has helped me to climb the ladder in the company I work for"*

07

# Impact on Your Career

We are aware that studying a program like this entails great economic, professional and, of course, personal investment.

The ultimate goal of this great effort should be to achieve professional growth.





“

*Our challenge is to generate a positive change in your professional career. We are fully committed to helping you achieve it"*

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

The Postgraduate Certificate in Safety At Work of TECH is an intensive program that prepares you to face challenges and business decisions on a preventive and action level. The main objective is to promote your personal and professional growth. Helping you achieve success.

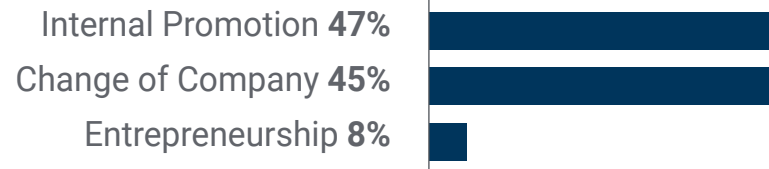
If you want to improve, make a positive change at a professional level and network with the best, then this is the place for you.

### Generating Positive Change

#### When the change occurs



#### Type of change



*If you want to make a positive change in your profession, the **Postgraduate Certificate in Safety At Work** helps you achieve it.*

*Don't miss the opportunity to train with us and you will find the career boost you were looking for.*

## Salary increase

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



## Companies that recruit our students

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08

# Benefits for Your Company

The Postgraduate Certificate in Safety At Work helps raise the organization's talent to its maximum potential by training high-level leaders.

Participating in this Postgraduate Certificate is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers. In addition, thanks to this training, your company will be up to date in Safety At Work avoiding possible fines and compensation for accidents at work.



“

*The professional will provide the company with new concepts, prevention plans and future perspectives that can bring about significant changes in the organization”*

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.

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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.

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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 novelties in Safety At Work

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05

### **Project Development**

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

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06

### **Increased competitiveness**

This Postgraduate Certificate will equip managers with the skills to take on new challenges and drive the organization forward.



## Additionally

### **Business development project**

While studying the **Postgraduate Certificate in Safety At Work** you have the opportunity to thoroughly prepare the implementation of new prevention projects in your company or even your own business idea, since you will always have the expert advice and a first level follow-up from our entrepreneurship experts.

09

# Collaborating Companies

We offer you access to a community of elite executives, large companies, renowned institutions, and qualified professors from the most prestigious universities in the world, the TECH community.







“

*At TECH we have more than 3,000 professors, more than 500 agreements with international companies and 150,000 alumni”*





# 10 Certificate

The **Postgraduate Certificate in Safety At Work** guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by **TECH Technological University**.





“

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

This **Postgraduate Certificate in Safety At Work** is the most comprehensive and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Safety At Work**

Duration: **6 weeks**

ECTS: **6**

Official Number of Hours: **150**



\*Apostille Convention. In the event that the student wishes to have their paper diploma Apostilled, TECH EDUCATION will make the necessary arrangements to obtain it, plus shipping costs of the Apostilled diploma.



## Postgraduate Certificate Safety at Work

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- » Dedication: 16h/week
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