



Postgraduate Diploma

Safety and Hygiene at Work

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/school-of-business/postgraduate-diploma/postgraduate-diploma-safety-hygiene-work

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Certificate

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 physical or psychological. This highly valuable position requires a very specific set of knowledge in multiple aspects such as risk assessment or types of risk agents. For this reason, TECH has developed a cutting-edge program that will allow the professional to specialize in this field in an excellent way, thus being able to access higher positions of responsibility in the field of occupational safety, which will surely provide a better economic retribution.

Postgraduate Diploma in Safety and Hygiene at Work.
TECH Global University







tech 08 | Why Study at TECH?

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+

200+

executives trained each year

different nationalities



Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

500+

collaborative agreements with leading companies



Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.



TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



Analysis

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



Academic Excellence

TECH offers students the best online learning methodology. The university combines the *Re-learning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School *case studies*. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



Economy of Scale

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



Learn with the best

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

Teachers representing 20 different nationalities.



At TECH you will have access to Harvard Business School case studies."





tech 12 | Why Our Program?

This program will provide students with a multitude of professional and personal advantages, particularly the following:



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.



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.



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.



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.



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.



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.



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.



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.





tech 16 | Objectives

TECH makes the objectives of its students its own.

They work together to achieve them.

The **Postgraduate Diploma in Safety and Hygiene at Work** will train the student to:



Approach to the concept of occupational accident



Identify all types of specific techniques for specific hazards



Accident analysis: before and after





Perform risk evaluations



Identify the types of Protective Equipment



Approach to the concept of hygiene at work



Identify the scientific bases of the new labor landscape





Learn more about prevention techniques against SARS-COV-2

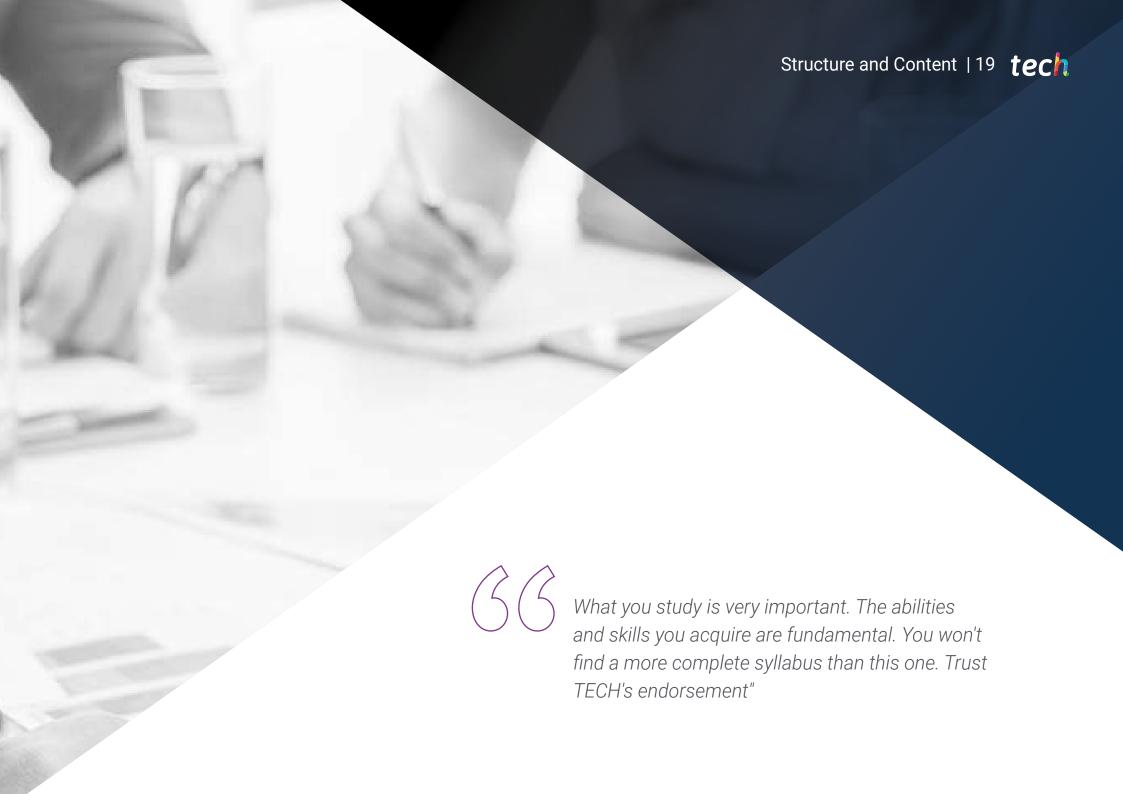


Identify the type of agents that can cause hazards and accidents



Develop an action protocol to prevent contagion





tech 20 | Structure and Content

Syllabus

This program focuses on the main current market needs in occupational safety and hygiene at work, so the student is precisely acquiring the knowledge that will better boost his or her professional career.

Throughout the 450 hours planned in this degree, the professors exemplify a multitude of real and practical cases of occupational risk in which the student will verify, in situ, how to apply in an authentic way all the theoretical contents learned. It is therefore a complete contextual course that the student will be able to start using even before completing the program.

With high quality didactic material, written following the most innovative educational

methodologies, and a teaching staff that will not hesitate to help students with any question, this is the best possible opportunity to become a professional and improve your career in the field of occupational health and safety.

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

Module 1	Safety At Work
Module 2	Industrial Hygiene
Module 3	New Landscape in Relation to Occupational Hazard Prevention and How to Deal With it



Where, when, and how it is taught

TECH offers the possibility of taking this program completely online. Throughout the 6 months of training, the student will be able to access all the contents of this program at any time, allowing them to self-manage their study time.

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

tech 22 | Structure and Content

Conservation

Module 1. Safety At Work 1.2. Statistical Analysis of Accidents 1.3. Safety Techniques 1.1. The Occupational Accident 1.4. Risk Assessment 1.1.1. Introduction 1.2.1. Introduction 1.3.1. Introduction 1.4.1. Introduction 1.1.2. Definition From Several Points of View: 1.2.2. Classification of Accidents: Factors and 1.3.2. Concept and Definition of Safety Techniques 1.4.2. Definition of Risk Evaluation and Its Objective Safety, Medicine and Legality 1.3.3. Classification of Safety Techniques 1.4.3. Stages of Risk Evaluation Systems 1.1.3. Occupational Safety: Scientific Safety and 1.3.4. Analytical and Operative Techniques 1.4.4. Types of Risk Evaluation. Their Obligatory 1.2.3. Statistical Indexes Nature Integrated Safety 1.2.4. Graphic Representation. Evolution of the 1.1.4. Causes of Accidents. The Human Factor and Accident Rate in Spain its Impact 1.5. Analytical Techniques After the 1.6. Analytical Techniques Prior to the 1.7. Standardization 1.8. Order and Cleanliness in the Accident. Investigating Accidents Accident. Safety Inspections Workplace 1.7.1. Safety Rules. Advantages of Normalization 1.5.1. Notifying Accidents 1.7.2. Requirements and Characteristics of the 1.6.1. Safety Inspection 1.8.1. Introduction 1.5.2. Recording Accidents Rules 1.6.2. Work Analysis 1.8.2. Safety Signage 1.5.3. Investigating Accidents 1.7.3. Producing and Implementing Rules 1.6.3. Statistical Analysis 1.8.3. Panel Signage 1.7.4. Classification of the Rules 1.8.4. The Color of Industry 1.9. Individual Protection 1.10. Risks At Work 1.10.1. Introduction 1.9.1. Introduction 1.9.2. Concept of PPE. Conditions, Characteristics 1.10.2. Classification of Risks at Work and Selection 1.10.3. Safety Techniques Applied to Machines 1.9.3. PPE Classification 1.9.4. CE Conformity Marking. Use and

Mod	Module 2. Industrial Hygiene									
2.1. 2.1.1 2.1.2 2.1.3 2.1.4	. Environmental Factors	2.2.1. 2.2.2. 2.2.3. 2.2.4.	3 ,3	2.3.1. 2.3.2. 2.3.3.	Evaluating and Monitoring Hygienic Risk Introduction Scope of the Hygienic Risk. Field Hygiene and Operational Hygiene Types of Preventive Control Measures	2.4.1. 2.4.2.	Types of Agents Introduction Agent Classification Protection Against Agents			
2.5.1 2.5.2 2.5.3 2.5.4		2.6. 2.6.1. 2.6.2. 2.6.3. 2.6.4.	Chemical Industry	2.7.1. 2.7.2. 2.7.3.	Vibrations Introduction Effects of Vibrations Risk Evaluation Exposure Control		Non-lonizing Radiation Introduction Magnitudes and Units of Measurement Effects of Non-lonizing Radiation			
2.9.1 2.9.2 2.9.3 2.9.4	Nature of Ionizing RadiationEffects of Ionizing Radiation	2.10.1 2.10.2 2.10.3	. Thermohygrometric Environment l. Introduction 2. Thermal Environment and Organism 3. Evaluating Heat Exposure 4. Thermal Comfort and Exposure to the Cold							

tech 24 | Structure and Content

Mod	Module 3. New Landscape in Relation to Occupational Hazard Prevention and How to Deal With it									
3.1. 3.1.1. 3.1.2. 3.1.3.	2020 Health Situation Introduction COVID-19 Health Crisis Government Communications	3.2. 3.2.1. 3.2.2. 3.2.3.	COVID-19. Evolution and Data Introduction COVID-19 Pandemic Declaration Evolution and Data on the Pandemic	3.3.1.	Epidemiological Analysis of COVID-19 Introduction Previous Reports Situation of the Health Department Demographic, Clinical and Epidemiological Characteristics	3.4.1. 3.4.2.	New Normality: Applying Risk Prevention Introduction New Normality. How COVID-19 Has Impacted Our Lives PPEs Used Against COVID-19			
3.5.1. 3.5.2. 3.5.3. 3.5.4.	Early Response Plan in a Pandemic Control Scenario Medical history Justification of the Early Response Plan Legislative Framework Early Response Plans	3.6.1. 3.6.2. 3.6.3. 3.6.4.	Early Detection, Surveillance and Controlling of COVID-19 Introduction Case Detection Case Notification Interpreting Serological Tests		Guidelines for the Prevention and Control of COVID-19 in Different Vulnerable Industries or Sectors Introduction Transport and Mobility Training and Information on Preventive Measures Collaborating With Health Inspectors	3.8.2. 3.8.3.	R5adar COVID App Introduction Description and Operation of the Application Contact Identification Evaluation and Communication			
3.9.	Clinical Management of COVID in ICUs	3.10.	Education Sector: One of the Most Vulnerable							
	Introduction Procedure Prevention of Complications in Critically III Patients Following and Monitoring the Clinical Response	3.10.2	Introduction Prevention, Hygiene and Health Promotion Measures Against COVID-19 in Educational Centers Guidelines for Action When Cases of Infection Appear							





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

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*.





tech 28 | Methodology

At TECH Business School we use the Harvard case method.

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



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



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



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 intensive program of the School of Business of TECH Global University prepares students to face all the challenges in this area, both nationally and internationally. We are committed to promoting personal and professional growth, the best way to walk towards success, so TECH uses case studies from Harvard, with which we have a strategic agreement that allows us to bring our students the materials of the best university in the world.



You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

tech 30 | Methodology

Re-learning Methodology

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

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

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 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.



Methodology | 31 **tech**

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.

This methodology has 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 specialization, 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.

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 really 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, international guidelines... in TECH's virtual library, the student will have access to everything they need to complete their training.



Case Studies

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



Interactive Summaries

The TECH team presents the contents in an attractive and dynamic way in multimedia packages that include audio, videos, images, diagrams and concept maps in order to reinforce knowledge.



This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".

Testing & Re-Testing

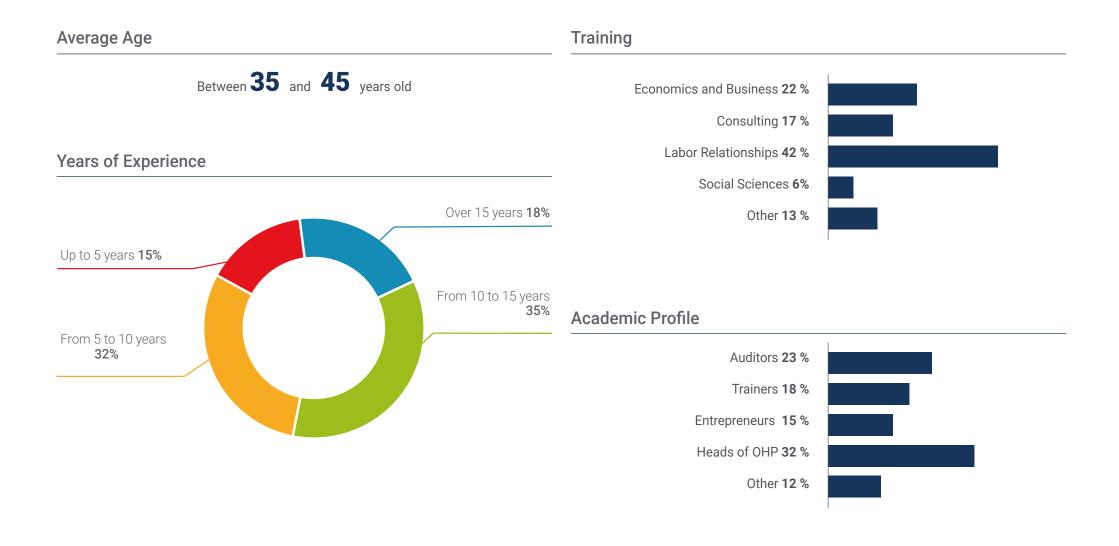
The student's knowledge is periodically assessed and re-assessed throughout the program, through evaluative and self-evaluative activities and exercises: in this way, students can check how they are doing in terms of achieving their goals.



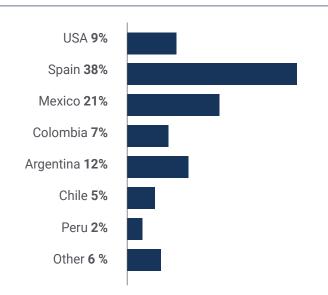


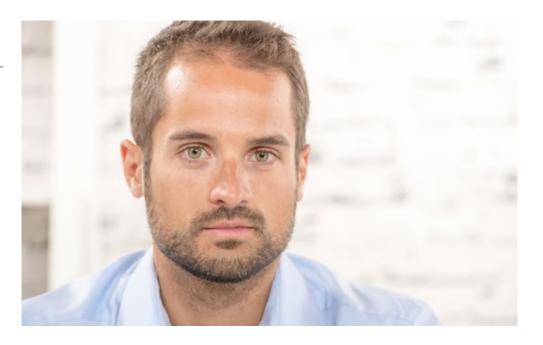






Geographical Distribution





Jaime Lozano

Trainer in OHP

"This training has allowed me to update my knowledge of Occupational Risk Prevention. Without a doubt, I could not have chosen a better program because, thanks to it, I have been promoted in the company where I work. Once more, thanks to TECH"





tech 40 | Course Management

Management



Ms. Dávila Martín, Beatriz

- Founder and CEO at Davilex Labor consulting company Actualidad Laboral website. Since 2020
- Degree in Labor Relations and Human Resources from the Complutense University. 2013
- Master's Degree in Occupational Hazard Prevention from the Complutense University. 2014
- MBA from the Isabel I of Castilla University. 2018
- Master's Degree in Leadership and Team Management from the Isabel I of Castilla University. 2018
- Trainer of Trainers Course
- Head of Human Relations and OHP at Professional Detail. 2015-2016
- Technician in Human Relations at Asisa. Since 2020







tech 44 | Impact on Your Career

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

The Postgraduate Diploma in Safety and Hygiene at Work of TECH Global University prepares its students for all the challenges they will have to face when managing departments or work teams related to occupational risk prevention, including a complete syllabus on the latest developments of COVID-19 and how to prevent it in work environments.

Achieve the professional change you seek with this high-level training.

Don't miss the opportunity to specialize with us. It is a unique opportunity to learn about the main novelties in the sector.

Generating Positive Change

When the change occurs

During the program

21%

During the first year

53%

After 2 years

26%

Type of change

Internal Promotion 37%
Change of Company 34%
Entrepreneurship 29%

Salary increase

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

\$57,900

A salary increase of

25.22%

\$72,500





tech 48 | Benefits for Your Company

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



Intellectual Capital and Talent Growth

You will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization



Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the manager and opens new avenues for professional growth within the company.



Building agents of change

You will be able to make decisions in times of uncertainty and crisis, in turn helping the organization overcome obstacles



Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main providers of Occupational Hazard Prevention.





Project Development

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



Increased competitiveness

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







tech 52 | Certificate

This program will allow you to obtain your **Postgraduate Diploma in Safety and Hygiene at Work** 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 Safety and Hygiene at Work

Modality: online

Duration: 6 months

Accreditation: 18 ECTS



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

Postgraduate Diploma in Safety and Hygiene at Work

This is a program of 450 hours of duration equivalent to 18 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



^{*}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.



Postgraduate Diploma Safety and Hygiene at Work

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 18 ECTS

» Schedule: at your own pace

» Exams: online

