

Postgraduate Certificate

Safety in Health Care Organizations



Postgraduate Certificate Safety in Health Care Organizations

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

Website: www.techtute.com/us/medicine/postgraduate-certificate/safety-health-care-organizations

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01 Introduction

Safety in Health Care Organizations is essential to ensuring quality care and minimizing risks to patients. For this reason, it is crucial for health professionals to stay informed about the latest developments in adverse event management, infection prevention, patient protection, and the humanization of health care. In response to this need, TECH has developed a 100% online Postgraduate Certificate offering specialized training in these areas. Students will have access to a comprehensive and up-to-date syllabus, featuring practical case studies and innovative educational resources, allowing them to stay current effectively and at their own pace. All of this is designed to ensure that specialists are fully equipped to meet both current and future challenges within medical institutions.



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In this Postgraduate Certificate in Security in Health Care Organizations, you will have the opportunity to update your skills and learn the latest trends in the sector”

Safety in health care organizations is a crucial issue today. Patient prevention, training of health care personnel and their risks are areas that must be addressed responsibly. For this reason, a Postgraduate Certificate has been designed focused on international models to safeguard these users. Its main objective is to provide students with the knowledge and tools necessary to guarantee the performance of these processes, which are so fundamental to improve the quality of medical services.

The program will address topics such as the structure of patient safety measures in health care centers. Students will also learn about the training of professionals who will be in charge of offering their services in these environments and the research and innovation in processes and regulations that help to meet these goals.

Students will have the opportunity to learn about international models of patient care and protection, the importance of safety in the field of research and innovation and the active participation of patients and citizens in this management.

The course will be taught in a theoretical and practical model, using various pedagogical techniques effective in the continuing education of health care professionals, including ICT support tools. Clinical simulation techniques in virtual media and gamification will also be used to improve learning and knowledge retention. The importance of creating safe workspaces will be emphasized, with a focus on implementing emergency plans in the event of occupational hazards.

This **Postgraduate Certificate in Safety in Health Care Organizations** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Safety in Health Care Organizations
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



Learn with TECH Global University from anywhere with this 100% online program! Take advantage of the virtual modality to study at your own pace and without schedule restrictions"

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You will find a wide range of topics focused on clinical safety, adverse event management, infection prevention and much more. Get ready to be an expert in health care safety!”

Access TECH's virtual campus and discover all it has to offer in terms of innovative teaching materials.

You will benefit from an eminent faculty of highly qualified and experienced teachers. Enroll for an exceptional training and an enriching experience.

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned experts.



02 Objectives

The Postgraduate Certificate in Safety in Health Care Organizations focuses on providing the knowledge and skills necessary to ensure the protection and well-being of patients, staff and healthcare facilities. During the program, students learn how to implement effective safety measures to prevent incidents and ensure safe and high quality health care. The focus of the course is on the importance of safety in the health care sector and how it can positively impact the well-being of the community. For this reason, TECH has established a series of general and specific objectives for the satisfaction of future graduates, as follows:



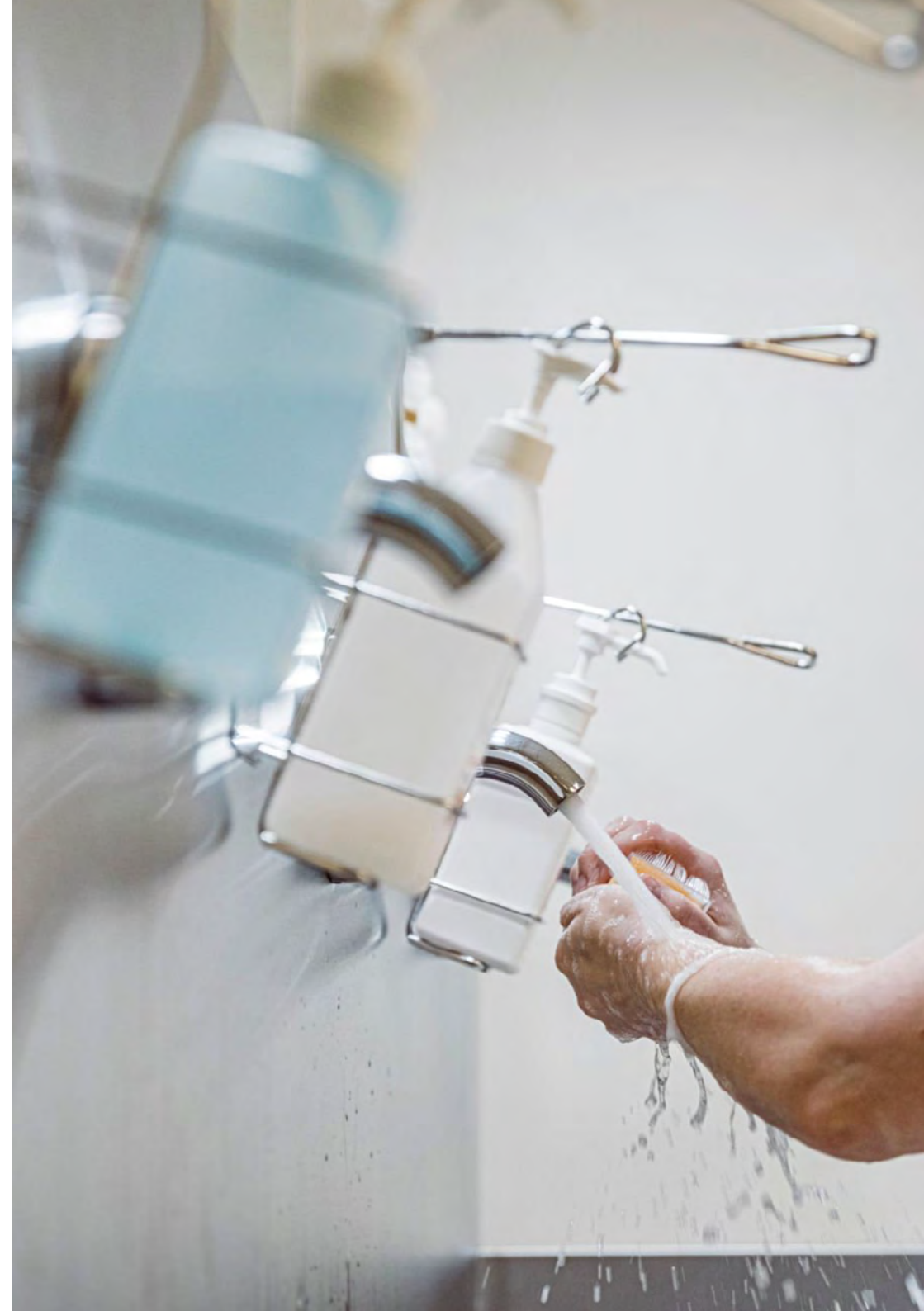
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Give your career the boost it needs and specialize in the field of risk prevention for patients in clinical institutions”



General Objectives

- ♦ Analyze the importance of humanization in health care, the need for respect for life, human dignity and a comprehensive understanding of the person made vulnerable by illness
- ♦ Identify the situations and risk factors in the pediatric patient
- ♦ Determine the main preventive measures in place in pediatric patient safety
- ♦ Substantiate the importance and guidelines of surgery safety in the public health field by defining a minimum set of measures
- ♦ Promote safe working environments for the patient and for the professionals
- ♦ Promote research, innovation and training in patient safety
- ♦ Analyze the management of adverse events and improvement plans to avoid them
- ♦ Delve into the concepts, methods and strategies for improving patient safety in health care institutions
- ♦ Substantiate the best evidence on safety in biobanks and transfusion safety technologies
- ♦ Analyze patient safety strategies approached from different health care areas





Specific Objectives

- ◆ Identify safety risks in health information management
- ◆ Analyze the various organizational structures to promote patient safety
- ◆ Implement new, more attractive and modern safety training methodologies
- ◆ Assess the impact of safety in terms of efficiency
- ◆ Detect the key aspects to be monitored for safe control of facilities
- ◆ Promote knowledge of environmental safety in the health care environment
- ◆ Position the patient as a key element in their safety

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You will achieve your goals with the support of our tools and the guidance of top professionals every step of the way”

03

Course Management

The Postgraduate Certificate in Safety in Health Care Organizations has a team of highly trained professionals specialized in the area of quality and patient safety. This sector focuses on the use of innovative technologies in the health care environment. These active experts have been carefully selected by TECH Global University to offer students the most updated and advanced information in the field of continuous improvement of clinical methodologies. The program syllabus has been designed to incorporate the latest advances and achievements in the industry, ensuring that graduates will obtain quality training and be prepared to tackle the most complex challenges in the health care sector.



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Succeed with the best and acquire the knowledge and skills you need to embark on a career in the field of medical center control systems and techniques”

Management



Dr. Paredes Esteban, Rosa María

- Head of Service and Director of the Pediatric Surgery Clinical Management Unit of the university Reina Sofia Hospital of Córdoba
- Specialist in Pediatric Surgery at the University Hospital Reina Sofia in Cordoba
- Specialist in Pediatric Surgery at the Medical-Surgical Hospital of Jaén
- Responsible for Pediatric Surgery Training at the University Reina Sofia Hospital of Córdoba
- Coordinator of the Bioethics Commission of the Spanish Society of Pediatric Surgery
- Vice-President of the Ethics Committee of the Province of Córdoba
- Coordinator of the Vascular Anomalies Committee of the Reina Sofia University Hospital of Córdoba
- Living Donor Transplant Bioethics Committee Coordinator
- Doctor of Medicine and Surgery from the University of Granada
- Degree in Medicine and Surgery from the University of Granada
- Postgraduate Certificate in Communication with the Pediatric Patient
- Expert in Clinical Management
- University Diploma of Specialization in Quality and Patient Safety in Healthcare Institutions
- Postgraduate Certificate in Bioethics
- Member of: European Society of Pediatric Endoscopic Surgery, Spanish Society of Pediatric Surgery, Editorial Committee of the journal of the Spanish Society of Pediatric Surgery and Scientific Evaluation Committee of the Spanish Society of Pediatric Surgery



Professors

Dr. Rumbao Aguirre, José Manuel

- ♦ Head of the Pediatrics Department of the Reina Sofia Hospital
- ♦ Medical Director of the Reina Sofia Hospital
- ♦ Deputy Director of Health Care in the Andalusian Health Service
- ♦ Manager of the Córdoba and Guadalquivir Health District
- ♦ Clinical Tutor of Pediatrics at the Faculty of Medicine of Córdoba
- ♦ Pediatrics Resident Tutor at the Reina Sofia Hospital in Córdoba
- ♦ Master's Degree in Medical Direction and Clinical Management
- ♦ University Expert in Patient Safety
- ♦ Bachelor's Degree in Medicine and Surgery from the University of Córdoba

Mr. Jimber, Manuel

- ♦ Information Security Manager
- ♦ Head of the ICT Security Unit
- ♦ External Teacher in Risk Analysis and Management and Master's Degree in Cybersecurity
- ♦ Interuniversity Master's Degree in Information and Communication Technologies Security by the Open University of Catalonia
- ♦ Specialist in Quality and Patient Safety in Healthcare Institutions
- ♦ Diploma in Logical Systems by the University of Córdoba
- ♦ Expert in Personal Data Protection from the University of Murcia

Mr. Carazo del Río, Jesús

- ♦ Nurse in the Preventive Medicine Service
- ♦ Nurse in the Santa Maria Nursing Home
- ♦ Master's Degree in Nurse Pre-registration
- ♦ Master's Degree in Specialized Care in Emergencies, Critical Care Areas, and Post-Anesthesia
- ♦ Degree in Nursing

04

Structure and Content

The content of the syllabus of this Postgraduate Certificate has been developed by a team of highly experienced medical professionals in the field. As a result, graduates will have at their disposal a complete syllabus covering the latest tools in quality, safety, humanization, care ethics and research, along with a specific module for the pediatric patient. Additionally, the syllabus is complemented by innovative teaching materials, which students can conveniently access at any time and place they wish.



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Discover a new level of learning with our digital resources in the Postgraduate Certificate in Security in Health Care Organizations”

Module 1. Organizational Safety

- 1.1. Patient Safety in Organizations
 - 1.1.1. Basics of Patient Safety
 - 1.1.2. Patient Safety. Evolution over Time
 - 1.1.3. International Patient Safety Models
- 1.2. Patient Safety Structure in Health Care Facilities
 - 1.2.1. Patient Safety in the Management Teams
 - 1.2.2. Patient Safety Organizational Chart at the Health Care Facilities
 - 1.2.3. Involvement of the Professionals in Patient Safety
- 1.3. Patient Safety Training for Professionals
 - 1.3.1. Patient Safety Training for Health Care Professionals
 - 1.3.2. Effective Pedagogical Techniques in the Continuing Education of Health Care Professionals
 - 1.3.3. ICT Tools to Support Continuing Education
 - 1.3.4. New Emerging Trends in Continuing Education
 - 1.3.4.1. Clinical Simulation in Virtual Environments
 - 1.3.4.2. Gamification
- 1.4. Information Security
 - 1.4.1. International Legal Framework for Information Security
 - 1.4.2. Fundamental Aspects of Health Information Safety
 - 1.4.3. Safety Risk Analysis in Health Information Management
- 1.5. Research and Innovation in Patient Safety
 - 1.5.1. Importance of Safety in the Field of Research and Innovation
 - 1.5.2. Ethical Considerations in Research
 - 1.5.3. Current Status of Patient Safety Research
- 1.6. Active Involvement of Patients and the Public in Patient Safety
 - 1.6.1. Patient and Public Information on the Safety of their Health Care
 - 1.6.2. Actions to Raise Awareness and Train Patients and the General Population on Risk Prevention in the Health Care System
 - 1.6.3. Resources for Promoting the Active Participation of Patients in their Safety





- 1.7. Environmental Safety in Health Care Centers
 - 1.7.1. Environmental Safety in Health Care Facilities
 - 1.7.2. Monitoring and Control of Environmental Biosafety
 - 1.7.3. Prevention Techniques and Systems
- 1.8. Occupational Risk Prevention. Safe Work Environments
 - 1.8.1. Occupational Hazards in the Health Center Worker
 - 1.8.2. Prevention Measures to Obtain Safe Working Environments
 - 1.8.2.1. Emergency Planning
 - 1.8.3. Occupational Stress, Mobbing and Burnout
- 1.9. Safety in Health Care Facilities
 - 1.9.1. Differential Characteristics in Health Care Facilities
 - 1.9.2. Quality Controls of the Facilities
 - 1.9.3. International Standards on the Safety of Health Care Facilities
- 1.10. Cost-Efficiency Analysis of Patient Safety
 - 1.10.1. Need to Quantify the Cost of Adverse Events
 - 1.10.2. Costs Related to Medication Errors
 - 1.10.3. Costs Related to Nosocomial Infections
 - 1.10.4. Costs Related to Errors in the Surgical Patient

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Discover how to humanize healthcare in the Postgraduate Certificate in Security in Health Care Organizations, and become a more empathetic professional”

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

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TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

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.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



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.

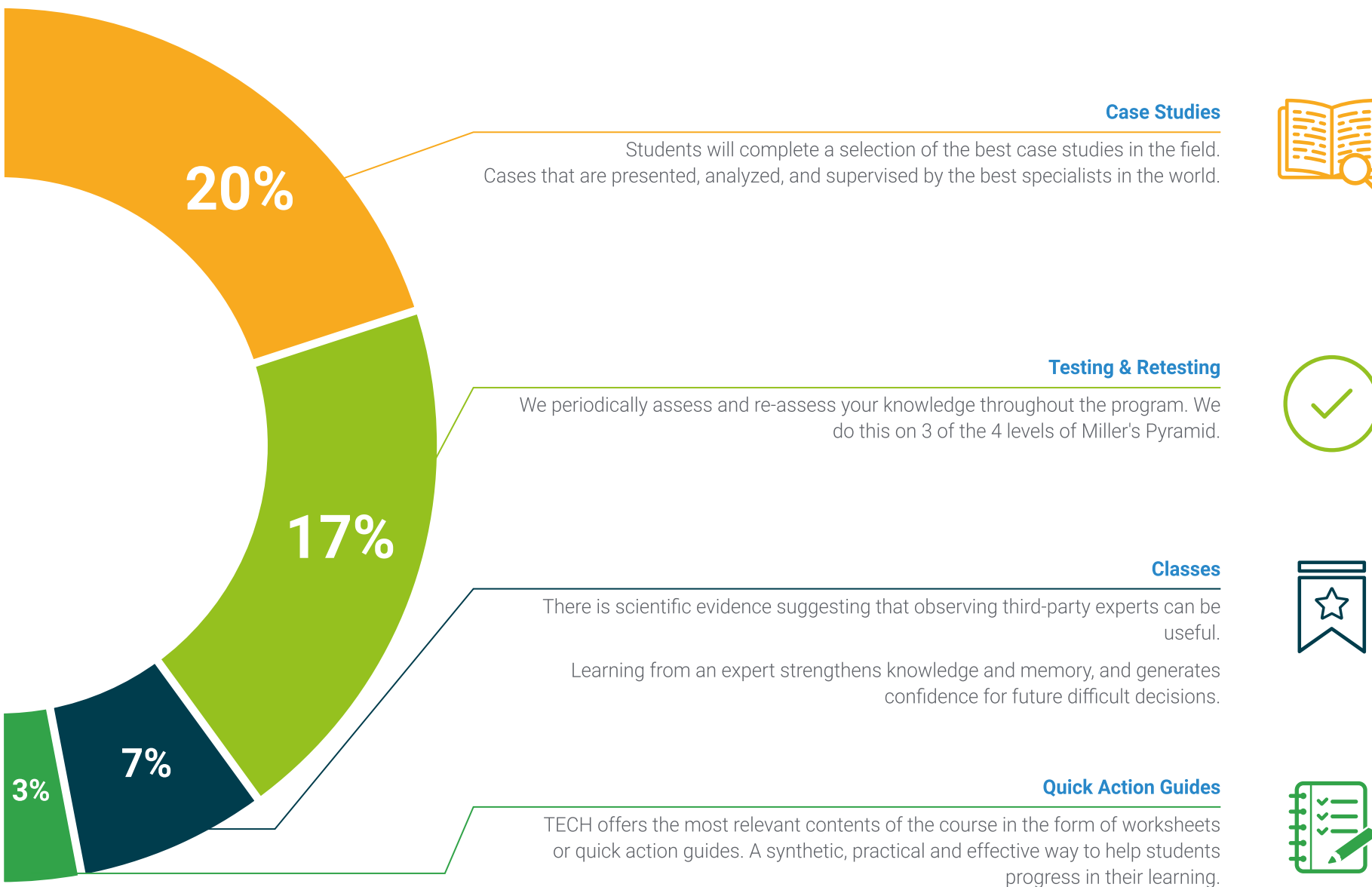
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





06 Certificate

The Postgraduate Certificate in Safety in Health Care Organizations guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.



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

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Safety in Health Care Organizations** 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** private qualification, 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 Safety in Health Care Organizations**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
online training
development languages
virtual classroom



Postgraduate Certificate

Safety in Health

Care Organizations

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
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- » Schedule: at your own pace
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Postgraduate Certificate

Safety in Health Care Organizations