

# Postgraduate Certificate

## Accident Investigation in Legal and Forensic Nursing





## Postgraduate Certificate Accident Investigation in Legal and Forensic Nursing

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

Website: [www.techtute.com/us/nursing/postgraduate-certificate/accident-investigation-legal-forensic-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/accident-investigation-legal-forensic-nursing)

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# 01

# Introduction

The specialty of Legal and Forensic Nursing is in high demand internationally. Until now, it has been relatively unknown in our country due to an overreliance on allied professionals to determine causality and guilt in certain events and individuals when they are being prosecuted.

Many doctors, nurses, and specialists wish to train in this field in order to expand or begin their education in the area of Forensic Science.



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*This program will instill a sense of confidence  
in the practice of nursing, helping you grow  
both personally and professionally”*

This Postgraduate Certificate combines scientific application with practical experience, while simultaneously adapting to new technologies with the implementation of online training. It allows students to learn the fundamental principles necessary for studying Forensic Thanatology, Forensic Pathology, Forensic Sexology, Forensic Toxicology, Forensic Psychiatry, Damage Assessment, Anthropology, and Criminology.

The Postgraduate Certificate meets the needs of professionals seeking adequate knowledge to conduct forensic assessments, prepare expert reports, and gain the confidence to testify and understand the stages of judicial proceedings when necessary. At the same time, it offers the possibility for all students to learn how to assess not only bodily injury, but also to quantify negligence, assess disability, and determine disabilities.

Currently, law firms and private clients require a forensic expert examination for most of their procedures. It is for this reason, in addition to the lack of existing professionals, that we consider it appropriate to implement a correct, up-to-date, and especially useful syllabus for the daily practice of this activity.

“*Enhance your knowledge in Accident Investigation in Legal and Forensic Nursing through this program, where you will find the best instructional material with real clinical cases. Discover the latest advancements in forensic nursing here to ensure you can perform high-quality work in this field*”

This **Postgraduate Certificate in Accident Investigation in Legal and Forensic Nursing** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ Development of over 75 practical cases presented by experts in Forensic Nursing The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Latest innovations on care and intervention in the role of Forensic and Legal Nursing
- ♦ It contains practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision making in the situations that are presented to the student
- ♦ With a special emphasis on evidence-based nursing and research methodologies in Accident Investigation in Legal and Forensic Nursing
- ♦ All of this will be complemented by 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

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*This Postgraduate Certificate could be the best investment you make when selecting a professional development program for two reasons: in addition to updating your knowledge in Accident Investigation in Legal and Forensic Nursing, you will receive a diploma from TECH Global University”*

*Increase your confidence in decision-making by updating your knowledge through this Postgraduate Certificate.*

*Take advantage of the opportunity to learn about the latest advancements in Forensic Nursing and develop your skills in this fascinating field.*

The teaching staff includes professionals from the field of Forensic Nursing, who bring their experience to this training program, as well as renowned specialists from leading scientific societies.

Thanks to its multimedia content, developed with the latest educational technology, professionals will benefit from situated and contextual learning—simulated environments designed to provide immersive learning experiences that prepare them for real-life situations.

The design of this program is based on Problem-Based Learning (PBL), where the nurse will address various professional practice situations throughout the Postgraduate Certificate. To support this process, the nurse will benefit from a groundbreaking interactive video system created by renowned experts in Forensic Nursing with extensive teaching experience.



# 02 Objectives

The Postgraduate Certificate in Accident Investigation in Legal and Forensic Nursing is designed to facilitate the nurse's role in the assessment of bodily harm in legal situations that require their clinical expertise.



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*This Postgraduate Certificate is aimed at helping you update your knowledge in the assessment of bodily harm in forensic nursing, utilizing the latest educational technology to contribute with quality and safety to decision-making in this emerging field”*



## General Objectives

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- Update the professional's knowledge with special training and interest in the field of Forensic and Legal Nursing
- Promote work strategies based on a comprehensive approach to expert evaluation as a reference model for achieving excellence in forensic practice
- Foster the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific education
- Promote professional growth through continuing education and research





## Specific Objectives

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- ♦ Define the process of expert evidence assessment
- ♦ Describe the ethical code of the Judicial Expert
- ♦ Explain the characteristics and structure of expert evidence

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*Make the most of the opportunity and update yourself on the latest advancements in Accident Investigation in Legal and Forensic Nursing”*

03

# Course Management

The program includes in its teaching staff renowned experts in Forensic and Legal Nursing, who contribute their work experience to this course. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.



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*Learn the latest advances in Forensic Nursing  
procedures from leading professionals”*

## Faculty

### **Ms. Aguirre Pastor, Verónica**

- ♦ Legal and Forensic Expert in the Professional Association of Criminologists of Spain
- ♦ Specialist in Pathological Anatomy at the Technical School of Specialist Education in the Community of Madrid



04

# Structure and Content

The structure of the content has been designed by a team of professionals from the best forensic centers and universities in the country, aware of the importance of up-to-date training to effectively intervene in situations that require the legal and forensic approach of the nurse, and committed to providing quality education through new educational technologies.



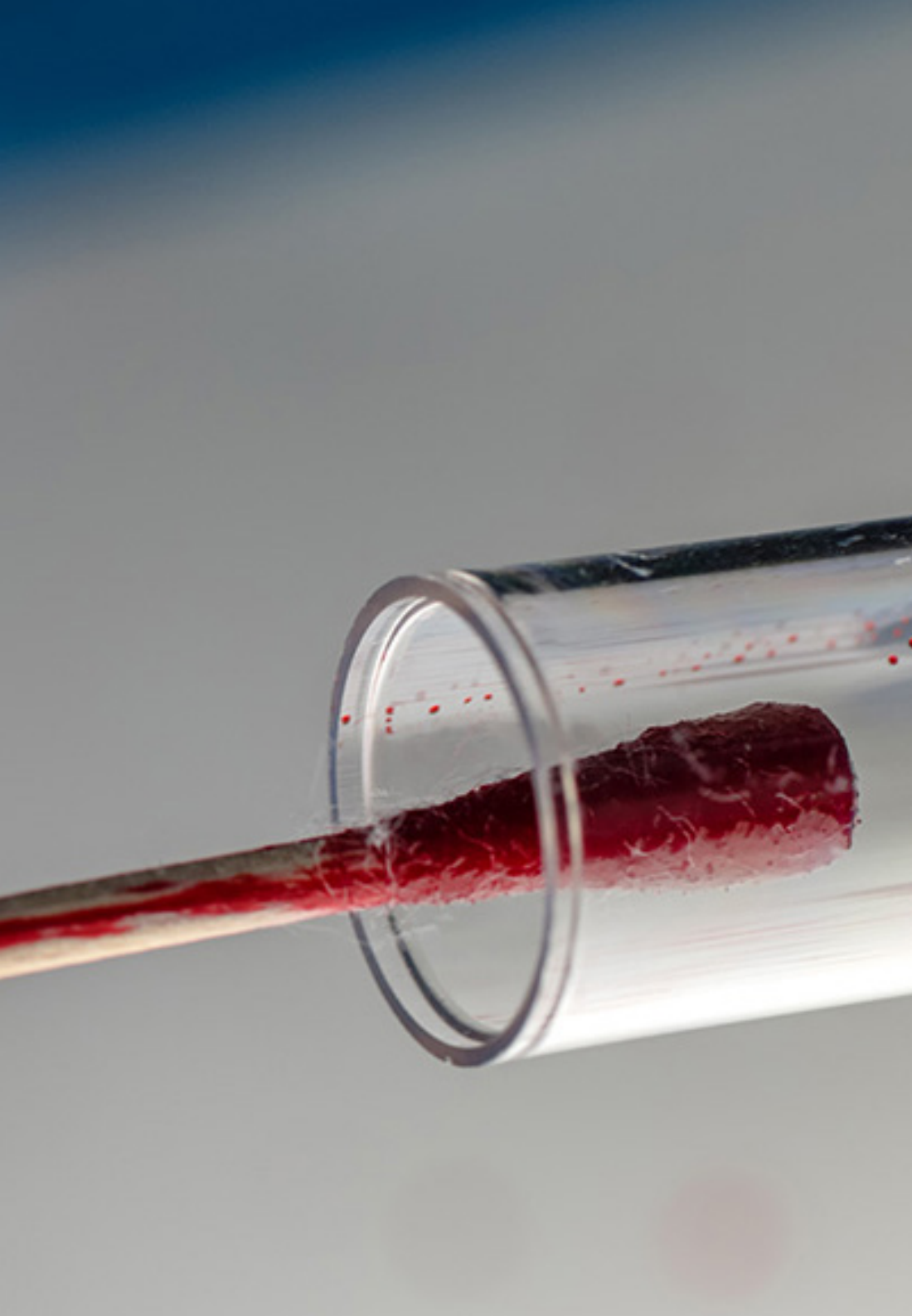


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*This Postgraduate Certificate in Accident Investigation in Legal and Forensic Nursing contains the most complete and up-to-date scientific program available on the market”*

## Module 1. Accident Investigation

- 1.1. Traffic Accidents
  - 1.1.1. Definition
  - 1.1.2. Phases
  - 1.1.3. Vehicle Classification
  - 1.1.4. Accident Classification
- 1.2. Elements Involved
  - 1.2.1. Concept
  - 1.2.2. Roadways or Paths
  - 1.2.3. The People
  - 1.2.4. Environment
  - 1.2.5. Intensity
- 1.3. Accident Reconstruction
  - 1.3.1. Accident Analysis
  - 1.3.2. Reconstruction Procedure
  - 1.3.3. Objectives
  - 1.3.4. Physical Principles
  - 1.3.5. Simple Skidding
  - 1.3.6. Speed Calculation from Skidding
  - 1.3.7. Physical Principles Applied to Vehicle Collisions
  - 1.3.8. Collision Elasticity
  - 1.3.9. Speed Evaluation
  - 1.3.10. Kinematic Sequences
  - 1.3.11. Graphical Representations
  - 1.3.12. Impact Speed. Estimation Methods
- 1.4. Fraud in Accidents
  - 1.4.1. Concept
  - 1.4.2. Fraud Analysis
  - 1.4.3. Types of Fraud
  - 1.4.4. The Role of Legal Medicine in Accidents
- 1.5. Damage Assessment System
  - 1.5.1. General Criteria
  - 1.5.2. Compensations
  - 1.5.3. Sequelae
  - 1.5.4. Temporary Injuries



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*A unique, essential and decisive  
learning experience to boost your  
professional development”*

# 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.

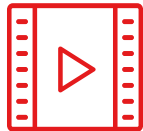
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

*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

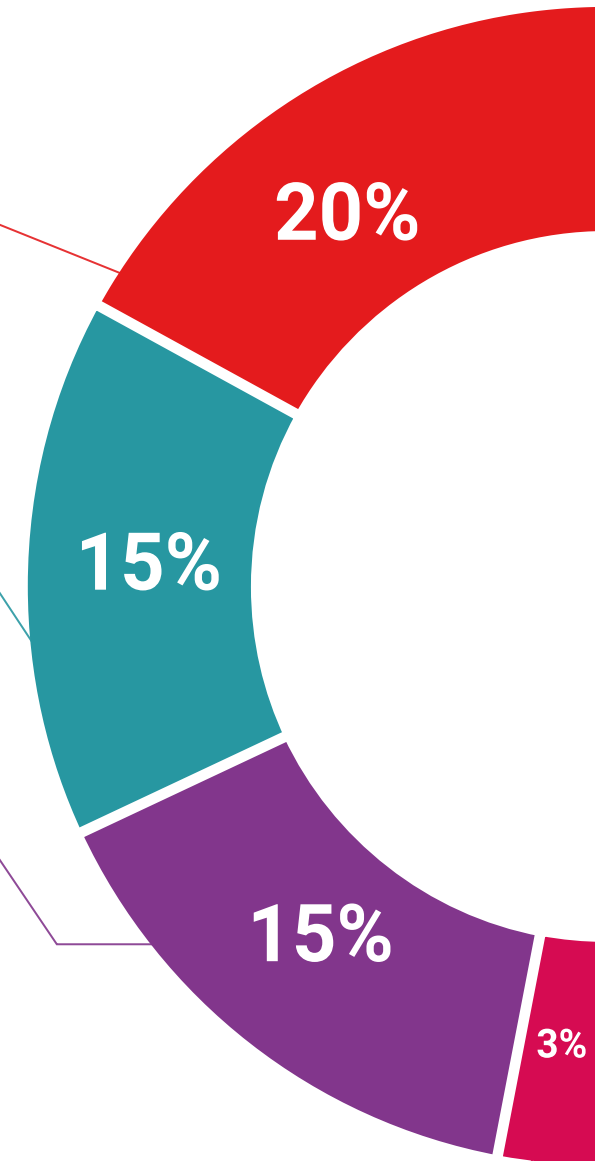
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

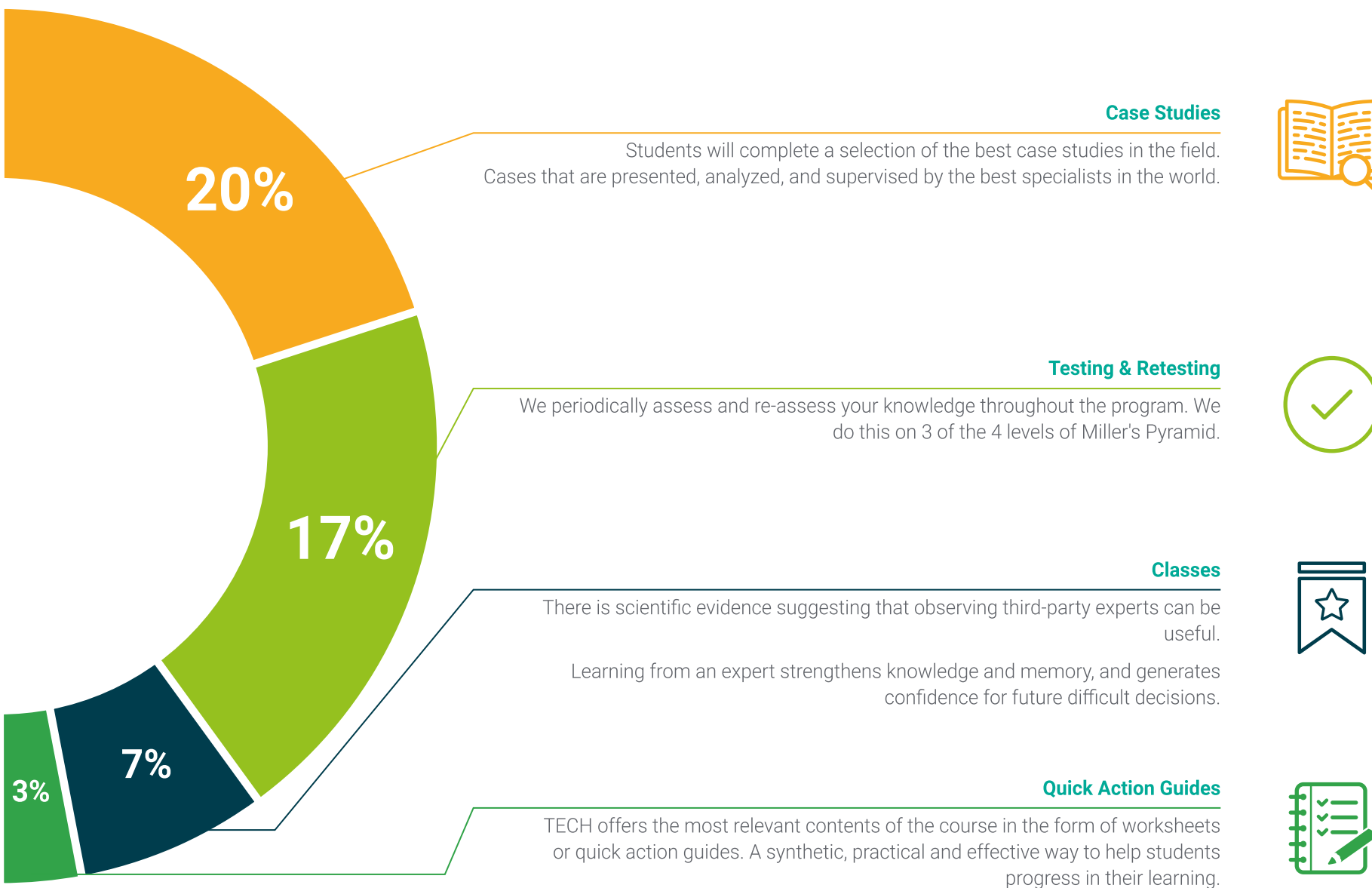
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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 Accident Investigation in Legal and Forensic Nursing 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 Accident Investigation in Legal and Forensic Nursing** 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 Accident Investigation in Legal and Forensic Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





**Postgraduate Certificate**  
Accident Investigation in Legal  
and Forensic Nursing

- » Modality: online
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- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

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