

# Postgraduate Diploma

## Criminalistics and Criminology in Forensic Medicine





## Postgraduate Diploma

### Criminalistics and Criminology in Forensic Medicine

Course Modality: Online

Duration: 6 months.

Certificate: TECH Technological University

19 ECTS Credits

Teaching Hours: 475 hours

Website: [www.techtute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-criminalistics-criminology-forensic-medicine](http://www.techtute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-criminalistics-criminology-forensic-medicine)

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# 01

# Introduction

The specialty of forensic and legal medicine has traditionally been one of the most neglected branches of medicine in recent years, but it has continued to be necessary, especially in the judicial field following the latest legislative changes.

Many physicians and specialists wish to be trained in this field in order to expand or begin their training in the field of Forensic Science.





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*This training will provide you with a sense of security in medical practice, which will help you grow personally and professionally”*

This Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine, combines scientific application with the practical side, while at the same time adapting to new technologies with the implementation of online training.

The Postgraduate Diploma meets the needs of professionals who demand adequate knowledge to enable them to carry out forensic assessments and expert reports, as well as the ability and fluency to ratify their opinion and understand the stages of the legal 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.

“Update your knowledge through the Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine”

This **Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- ♦ Clinical cases presented by experts in Criminalistics and Criminology in Forensic Medicine
- ♦ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional.
- ♦ Diagnostic-therapeutic developments on assessment, diagnosis, and treatment in Criminalistics and Criminology in Forensic Medicine
- ♦ It contains practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- ♦ With special emphasis on evidence-based medicine and research methodologies in Criminalistics and Criminology in Forensic Medicine.
- ♦ 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

“ *This Postgraduate Diploma may be the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Criminalistics and Criminology in Forensic Medicine, you will obtain a Postgraduate Diploma from TECH Technological University*”

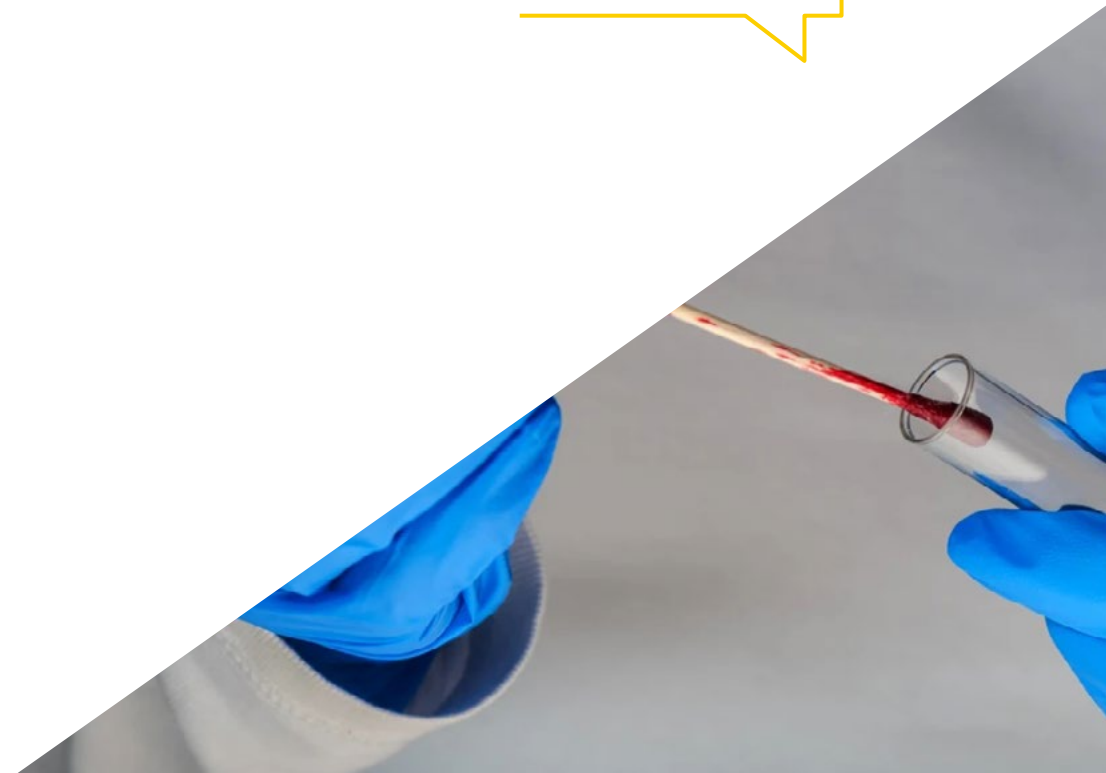
The teaching staff includes professionals from the field of Criminalistics and Criminology in Forensic Medicine, who bring their experience to this training program, as well as renowned specialists from leading scientific societies.

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 training program to train in real situations.

This program is designed around Problem Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this purpose, the physician will be assisted by an innovative interactive video system created by renowned and experienced experts in the field of Forensic Medicine with extensive teaching experience.

*Increase your decision-making confidence by updating your knowledge through this specialist course*

*Take the opportunity to learn about the latest advances in Criminalistics and Criminology in Forensic Medicine and improve your patient care*



# 02

# Objectives

The Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine is aimed at facilitating the performance of the physician in all types of situations that require forensic assessment.







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*This Postgraduate Diploma is designed to help you update your knowledge of Criminalistics and Criminology in Forensic Medicine, with the use of the latest educational technology, to contribute with quality and security to the decision making”*



## General Objective

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- ♦ Update the professional's knowledge with special training and interest in the field of Forensic and Legal Medicine
- ♦ Promote work strategies based on a comprehensive approach to the expert witness as a reference model to achieve expert-level excellence.
- ♦ Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific training
- ♦ Encourage professional stimulation through continuous education and research





## Specific Objectives

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- ♦ Define the different investigative techniques used in Forensic Medicine.
  - ♦ Define the process for conducting Criminological Examinations.
  - ♦ Expand general knowledge about this branch of medicine.
  - ♦ Recognize the Stages of Evidence and Crime Scenes.
  - ♦ Assess and identify blood stains
  - ♦ Identify and detect finger prints
  - ♦ Explain how to deal with Post-Traumatic Stress Disorder.
  - ♦ Analyze different mental states related to personality
  - ♦ Define the relevant aspects for the identification of possible aggressions.
  - ♦ Define the relevant aspects for the identification of possible aggressors.
  - ♦ Define the mechanisms of death.
  - ♦ Define the different personality types of subjects.
  - ♦ Describe the components of the antisocial personality.
  - ♦ Explain how to deal with Post-Traumatic Stress Disorder.
  - ♦ Describe the process of Forensic Evidence Collection in medicine.
  - ♦ Explain the principles of Storing and Transporting Samples.
  - ♦ Describe the different cadaveric phenomena.
  - ♦ Identify whether injuries are vital, perimortal or postvital.
  - ♦ Explain the process of removal of the body.
  - ♦ Define the process of Assessment of Expertise Evidence.
  - ♦ Describe the Code of Ethics of the Judicial Expert.
  - ♦ Explain the characteristics and structure of Expert Evidence.
- ♦ Define the Accident Reconstruction Procedure.
  - ♦ Explain the Study of Footprints.
  - ♦ Classify the types of Bloodstains and the correct process of Blood Sampling.
  - ♦ Explain the principles of Forensic Genetics.
  - ♦ Define the concept of Chain of Custody.
  - ♦ Analyze possible fraud in the event of claims and accidents.

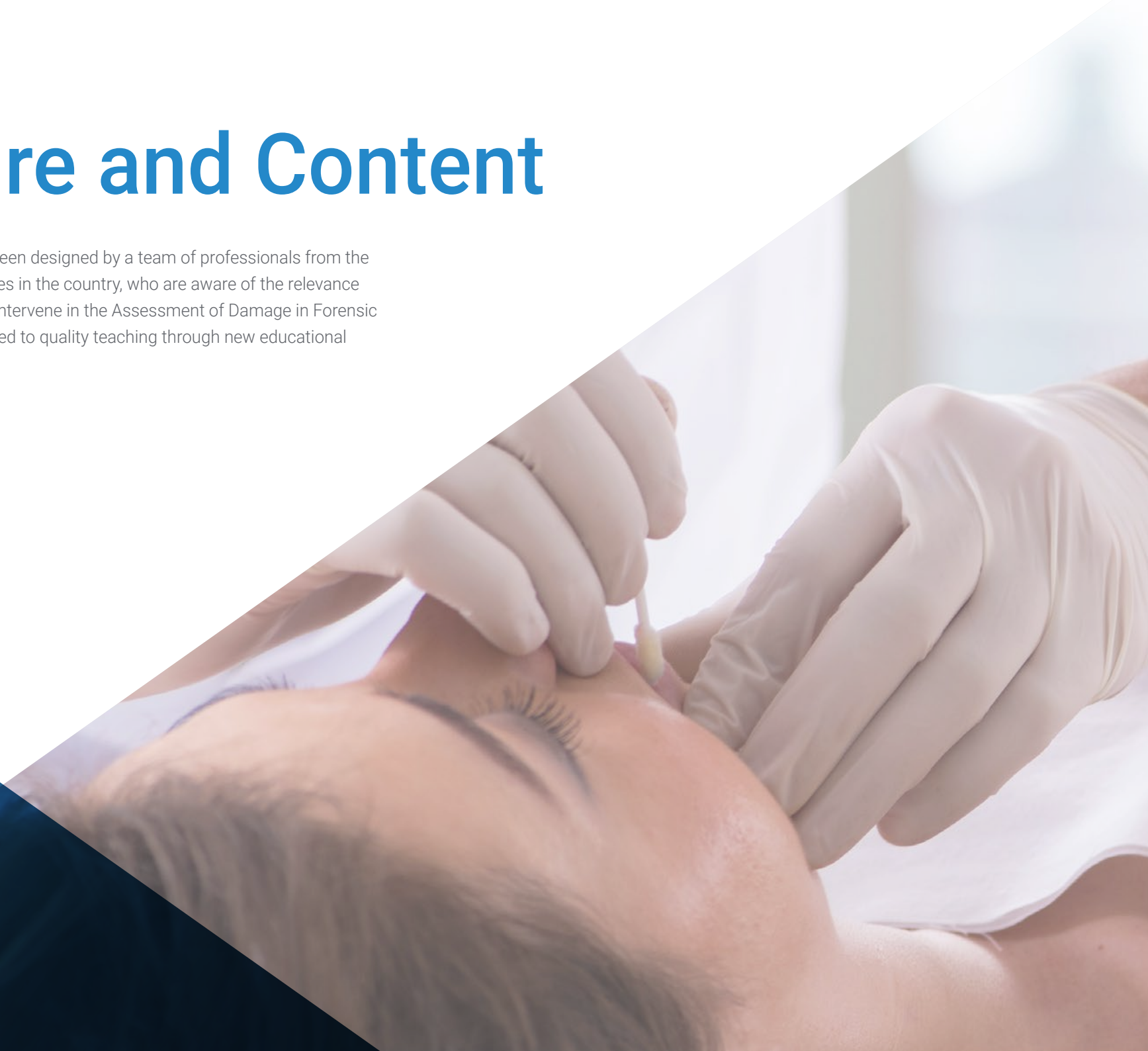


*Seize the opportunity and take the step to get up-to-date on the latest developments in Criminalistics and Criminology in Forensic Medicine"*

03

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best hospital centers and universities in the country, who are aware of the relevance of up-to-date training to be able to intervene in the Assessment of Damage in Forensic Judicial Medicine, and are committed to quality teaching through new educational technologies.





*This Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine contains the most complete and up-to-date scientific program on the market*

## Module 1. Update

- 1.1. Medical Expert Evidence in the Different Fields of Law
  - 1.1.1. Concept of Expert Evidence
  - 1.1.2. Sections of Expert Evidence
  - 1.1.3. Legal Applications of Expert Evidence
- 1.2. Forensic Medicine Systems in America and Europe
  - 1.2.1. Main Differences between Systems
  - 1.2.2. Legal Amendments between Countries
- 1.3. Expert Investigation and Method
  - 1.3.1. Research Techniques
  - 1.3.2. Research Limits
  - 1.3.3. Legal Aspects of Research
- 1.4. Ethics and Expert Evidence
  - 1.4.1. Professional Ethics
  - 1.4.2. Objectivity in Expertise
  - 1.4.3. Subjectivity in Expertise
  - 1.4.4. Oath according to the Civil Procedure Law
- 1.5. Professional Responsibility of the Medical Expert
  - 1.5.1. Civil Liability Insurance
  - 1.5.2. Concept of Expert Liability
  - 1.5.3. Aspects of the Civil Procedure Law

## Module 2. Criminalistics

- 2.1. Evidence at the Scene
  - 2.1.1. Biological Evidence
  - 2.1.2. Non-Biological Evidence
  - 2.1.3. Sample Collection
  - 2.1.4. Chain of Custody
  - 2.1.5. Classification
- 2.2. Study of Footprints
  - 2.2.1. Classification
  - 2.2.2. Sample Collection
  - 2.2.3. Methodology

- 2.3. Bloodstain Investigation
  - 2.3.1. Classification
  - 2.3.2. Sample Collection
- 2.4. Other Biological Stains
  - 2.4.1. Classification
  - 2.4.2. Sample Collection
- 2.5. Forensic Genetics
  - 2.5.1. Classification
  - 2.5.2. Collecting Samples for the Laboratory

## Module 3. Criminology

- 3.1. Introduction
  - 3.1.1. Subject's Personality
- 3.2. Normality vs Abnormality
  - 3.2.1. Zuckerman
  - 3.2.2. Eynsenck
  - 3.2.3. Cloninger
- 3.3. Personalities
  - 3.3.1. Social Personality
  - 3.3.2. Deviant Personality
  - 3.3.3. Antisocial Personality
- 3.4. Components of the Antisocial Personality
  - 3.4.1. Egocentrism
  - 3.4.2. Aggressiveness
  - 3.4.3. Liability
  - 3.4.4. Emotional Indifference
- 3.5. Principles and Levels of Criminological Interpretation
  - 3.5.1. Origin of Criminology
    - 3.5.1.1. Definitions of Interest
  - 3.5.2. Personality Criminology
    - 3.5.2.1. Concept
  - 3.5.3. Clinical Criminology
    - 3.5.3.1. Concept



- 3.5.4. Developmental Criminology
  - 3.5.4.1. Concept
- 3.5.5. Interpretation Levels
  - 3.5.5.1. Behavioral Level
  - 3.5.5.2. Individual Level
  - 3.5.5.3. General Level
- 3.6. Research Methods and Techniques
  - 3.6.1. Research Methods
    - 3.6.1.1. Scientific Method
    - 3.6.1.2. Positive Method
    - 3.6.1.3. Clinical Method
    - 3.6.1.4. Historical Method
    - 3.6.1.5. Experimental Method
    - 3.6.1.6. Statistical Method
    - 3.6.1.7. Sociological Method
  - 3.6.2. Research Techniques
    - 3.6.2.1. Exploration
    - 3.6.2.2. Observation
    - 3.6.2.3. Victimization
    - 3.6.2.4. Social Survey
    - 3.6.2.5. Criminological Interview
      - 3.6.2.5.1. Phases of the Interview
    - 3.6.2.6. Criminological Examinations
- 3.7. Criminogenic Factors
  - 3.7.1. Concept
    - 3.7.1.1. Criminogenic Cause
    - 3.7.1.2. Criminogenic Factors
    - 3.7.1.3. Criminogenic Motive
  - 3.7.2. Exogenous Criminogenic Factors
    - 3.7.2.1. Physical
    - 3.7.2.2. Family
    - 3.7.2.3. Social
  - 3.7.3. Endogenous Criminogenic Factors
    - 3.7.3.1. Somatics
    - 3.7.3.2. Cognitive

04

# Methodology

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***.





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*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 we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

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



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching potential or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.

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*Did you know that this method was developed in 1912 at Harvard for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

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

1. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their 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.



## Re-learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

This University is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the simple study and analysis of cases.



*Professionals will learn through real cases and by resolving complex situations in simulated learning environments These simulations are developed using state-of-the-art software to facilitate immersive learning*

At the forefront of world teaching, the Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

Over 250,000 physicians have been trained using this methodology, with unprecedented success in all clinical specialties regardless of surgical load. This teaching methodology is developed in a highly demanding environment, with a university student body of high 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*

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.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



#### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Retesting**

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.



**Classes**

There is scientific evidence on the usefulness of learning by observing experts: The system termed Learning from an Expert strengthens knowledge and recall capacity, and generates confidence in the face of difficult decisions in the future.



**Quick Action Guides**

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



# 05 Certificate

The Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Diploma degree issued by TECH Technological University.





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

This **Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine** contains the most complete and up-to-date scientific program on the market

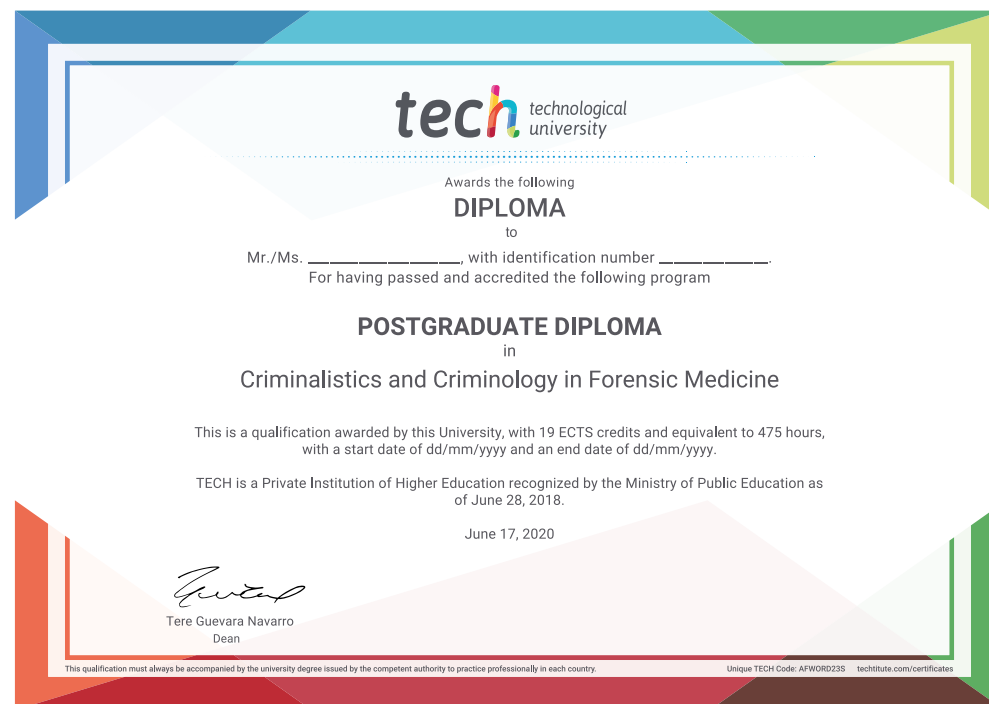
After passing the assessments, students receive their **Postgraduate Diploma** issued by **TECH Technological University** and posted by certified mail.

This qualification contributes significantly to the professional's continuing education and enhances their training with a highly regarded university syllabus, and is 100% valid for all public examinations, professional careers and job vacancies.

Title: **Postgraduate Diploma in Criminalistics and Criminology in Forensic Medicine**

ECTS: **19**

Official Number of Hours: **475**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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



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Teaching Hours: 475 hours

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