

Postgraduate Diploma

Damage Assessment in Forensic Judicial Medicine





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Damage Assessment in Forensic Judicial Medicine

Course Modality: **Online**

Duration: **6 months.**

Certificate: **TECH Technological University**

20 ECTS Credits

Teaching Hours: **500 hours**

Website: www.techtute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-damage-assessment-forensic-judicial-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 specialization will provide you with a sense of security in medical practice, which will help you grow personally and professionally”

This Postgraduate Diploma combines scientific application with the practical side, while at the same time adapting to new technologies with the implementation of online specialization.

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 Damage Assessment in Judicial Forensic Medicine”

This **Postgraduate Diploma in Damage Assessment in Judicial 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 Damage Assessment in judicial 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 intervention in Damage Assessment in judicial 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 Assessment in Forensic Judicial 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

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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 Damage Assessment in judicial Forensic Medicine, you will obtain a Postgraduate Diploma from TECH Technological University”

The teaching staff includes professionals from the field of Damage Assessment in Judicial 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 medical 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 Damage Assessment in Judicial Forensic Medicine and improve your patient care



02

Objectives

The main objective of this Postgraduate Diploma in Damage Assessment in Judicial 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 Damage Assessment in Judicial Forensic Medicine, with the use of the latest educational technology, to contribute with quality and security to the decision making”



General Objective

- ♦ Update the professional's knowledge with special preparation 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 continuing preparation and research





Specific Objectives

- ♦ 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 of Damage
Assessment in judicial
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 education to be able to intervene in the Assessment of Damage in Forensic Judicial Medicine, and are committed to quality teaching through new educational technologies.





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This Postgraduate Diploma in Damage Assessment in Judicial Forensic Medicine , contains the most complete and up-to-date scientific program on the market"

Module 1. Forensic Pathology

- 1.1. Mechanisms of Death in the Injuries
 - 1.1.1. Classification
 - 1.1.2. Destruction of Vital Centers
 - 1.1.3. Hemorrhages
- 1.2. Diagnosis of Death by Traumatic Shock or Embolism
 - 1.2.1. Concept
 - 1.2.2. The way they are formed
- 1.3. Multiorgan Dysfunction Syndrome
 - 1.3.1. Definition and concept
- 1.4. Mechanisms of Natural Death
 - 1.4.1. Concept and Classification
- 1.5. Natural Death of Cardiovascular and Respiratory Origin
 - 1.5.1. Concept and Classification
- 1.6. Natural Death of Neurological Origin
 - 1.6.1. Concept and Diagnosis
- 1.7. Natural Death of Digestive and Metabolic Origin
- 1.8. Sudden Infant Death
 - 1.8.1. Classification
 - 1.8.2. Possible Disguised Deaths (Abuse)
- 1.9. Sudden Adult Death
 - 1.9.1. Concept and Classification
- 1.10. Study of Contusions
 - 1.10.1. Signs of Struggle
 - 1.10.2. Signs of Defence
- 1.11. Stab Wounds
 - 1.11.1. Types of Wounds
 - 1.11.2. The way they are formed
- 1.12. Gunshot Wounds
 - 1.12.1. Types of Wounds
 - 1.12.1.1. Entry Wounds
 - 1.12.1.2. Exit Wounds
 - 1.12.1.3. The way they are formed
- 1.13. Electrical Injuries
 - 1.13.1. Concept
 - 1.13.2. The way they are formed
- 1.14. Cold, Radiation, and Atmospheric Pressure Injuries
 - 1.14.1. Concept
 - 1.14.2. Classification
 - 1.14.3. The way they are formed
- 1.15. Heat Injuries and Burns
 - 1.15.1. Concept
 - 1.15.2. Classification
 - 1.15.3. Identification
- 1.16. Fire Injuries
 - 1.16.1. Concept
 - 1.16.2. Classification
 - 1.16.3. Identification
- 1.17. Blast Injuries
- 1.18. Major Disasters



Module 2. Forensic Pathology II

- 2.1. Domestic Abuse
 - 2.1.1. Concept
 - 2.1.2. Detection
 - 2.1.3. Diagnosis
- 2.2. Child Abuse
 - 2.2.1. Concept
 - 2.2.2. Detection
 - 2.2.3. Diagnosis
- 2.3. Child Sexual Abuse
 - 2.3.1. Concept
 - 2.3.2. Detection
 - 2.3.3. Diagnosis
- 2.4. Abuse in Relationships
 - 2.4.1. Concept
 - 2.4.2. Detection
 - 2.4.3. Diagnosis
 - 2.4.4. Possible False Abuse
- 2.5. Elder Abuse
 - 2.5.1. Concept
 - 2.5.2. Detection
 - 2.5.3. Diagnosis
- 2.6. Traffic Accident Injuries
 - 2.6.1. Concept
 - 2.6.2. Classification
- 2.7. Forensic Medical Investigation of Aircraft Accidents
 - 2.7.1. Concept
 - 2.7.2. Basic Notions
- 2.8. Mechanical Asphyxiation
 - 2.8.1. Concept
 - 2.8.2. Classification

- 2.9. Mechanisms of Death
 - 2.9.1. Common Injuries in Deaths due to Asphyxiation
- 2.10. Hanging
 - 2.10.1. Concept
 - 2.10.2. Classification
 - 2.10.3. Diagnosis
- 2.11. Strangulation
 - 2.11.1. Concept
 - 2.11.2. Classification
 - 2.11.3. Diagnosis
- 2.12. Suffocation
 - 2.12.1. Concept
 - 2.12.2. Diagnosis
- 2.13. Submersion
 - 2.13.1. Concept
 - 2.13.2. Diagnosis
- 2.14. Violent Death in Infants
 - 2.14.1. Concept
 - 2.14.2. Relevant Aspects to Identify Possible Aggressions
 - 2.14.3. Relevant Aspects to Identify Possible Aggressors
- 2.15. Natural and Violent Pathology in Relation to Work
 - 2.15.1. Common Disease
 - 2.15.2. Professional Disease
 - 2.15.3. Occupational Disease
 - 2.15.4. Common Accidents
 - 2.15.5. Occupational Accidents
- 2.16. Causal Links in the Production of Injuries
- 2.17. Contents of the Medical Report to Aid the Courts





Module 3. Damage Assessment

- 3.1. Medical Assessment of Damage to the Person
 - 3.1.1. Damage Repair
- 3.2. Medical Assessment
 - 3.2.1. Deficiency.
 - 3.2.2. Disability
 - 3.2.3. Handicap.
- 3.3. Medical Assessment
 - 3.3.1. Other Criminal Damages
- 3.4. Medical Assessment
 - 3.4.1. Other Civil Damages (I)
- 3.5. Economic and Patrimonial Damages
 - 3.5.1. Evaluation
 - 3.5.2. Understanding the Official State Gazette (BOE).
- 3.6. Medical Assessment
 - 3.6.1. Other Civil Damages (II)
- 3.7. Medical Assessment
 - 3.7.1. Occupational Damages
 - 3.7.1.1. Classification of Accidents
 - 3.7.1.2. Occupational Risk Prevention
 - 3.7.1.3. Negligence.
- 3.8. The Medical Expert's Mission in Personal Injury Appraisal.
 - 3.8.1. Evaluation Guide
 - 3.8.2. BOE.
- 3.9. Methodology in the Valuation of Damage
 - 3.9.1. Evaluation Guide
 - 3.9.2. BOE.
- 3.10. The Medical Report in the Valuation of Damage

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 will experience a way of learning that is shaking the foundations of traditional universities around the world



According to Dr. Gervas, 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 power 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 achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.



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 mere 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).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years old.

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

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises: so that they can see how they are achieving your 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 Assessment in Forensic Judicial Medicine guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Diploma certificate issued by TECH Technological University.



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

This Postgraduate Diploma in Damage Assessment in Judicial Forensic Medicine

contains the most complete and up-to-date scientific program on the market

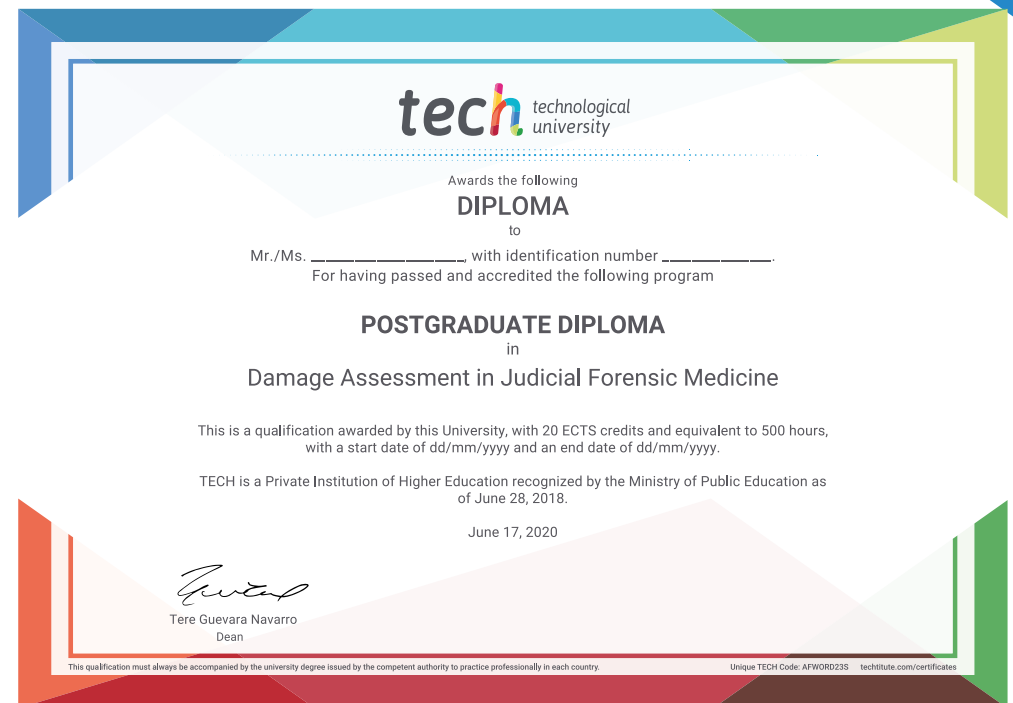
After passing the assessments, students receive their **Postgraduate Diploma** issued by **TECH Technological University** and posted by certified mail.

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 Damage Assessment in Forensic Judicial Medicine**

ECTS: **20**

Official Number of Hours: **500**



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

tech technological
university

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