

# Postgraduate Certificate Forensic Toxicology for Nursing





## Postgraduate Certificate Forensic Toxicology for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

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

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# 01

# Introduction

The specialty of Forensic and Legal Nursing is highly demanded on an international level. Until now, it has been relatively unheard of in our country due to the reliance on similar professionals to determine the causality and culpability of certain events and individuals at the time of being prosecuted.

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 Postgraduate Certificate in Forensic Toxicology for Nursing contains the most complete and up-to-date scientific program on the market”*

This Postgraduate Certificate combines scientific application with the practical side, while at the same time adapting to new technologies with the implementation of online specialist training. It allows the student to learn the basic principles necessary for the study of forensic thanatology, forensic pathology, forensic sexology, forensic toxicology, forensic psychiatry, damage assessment, anthropology, and criminalistics.

The Postgraduate Certificate 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.

The Postgraduate Certificate is divided into specific blocks that also coincide with the syllabus taught to those who wish to access Forensic Physician positions offered by the Ministry of Justice. This highlights the quality and scope of the content provided in the course.

With online training, students can organize their time and pace of learning, adapting it to their schedules, in addition to being able to access the contents from any computer or mobile device.

This **Postgraduate Certificate in Forensic Toxicology for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features of the Postgraduate Certificate are:

- ◆ Development of more than 75 clinical cases presented by experts in Forensic Toxicology for Nursing.
- ◆ 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 practice.
- ◆ Diagnostic-therapeutic innovations on evaluation, diagnosis and intervention in Forensic Toxicology for Nursing.
- ◆ 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 Forensic Toxicology for 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.



*Improve your skills in Forensic Toxicology for Nursing through this program”*

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*This Postgraduate Certificate may be the best investment you can make when choosing a refresher program for two reasons: in addition to updating your knowledge in Forensic Toxicology for Nursing, you will obtain a Postgraduate Certificate from TECH Technological University"*

The teaching staff includes professionals from the field of Forensic Toxicology for Nursing, 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 an immersive training program to train in real situations.

The design of this program is based on problem-based learning, by means of which the dentist must try to solve the different professional practice situations that arise throughout the Postgraduate Certificate course. For this purpose, the physician will be assisted by an innovative interactive video system developed by renowned experts in the field of Forensic Toxicology for Nursing with extensive teaching experience.

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

*Make the most of the opportunity to learn about the latest advances in Forensic Toxicology for Nursing and improve your patient care*



**TOXIC**



02

# Objectives

The Postgraduate Certificate in Forensic Psychiatry for Nursing is aimed at facilitating physicians' work with all types of patients at serious toxicological risk or with acute intoxication.







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*This Postgraduate Certificate is designed to help you update your knowledge in Forensic Toxicology for Nursing, with the use of the latest educational technology, to contribute with quality and confidence to decision-making, care, treatment, and patient support"*



## General Objectives

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- Update the knowledge of the professional with special training and interest in the field of Legal and Forensic Nursing.
- 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 education and research.







### Specific Objective

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- ◆ Know the disorders, personalities, and legal aspects of forensic psychiatry.

*Make the most of the opportunity  
and take the step to get up-to-  
date on the latest developments in  
Forensic Toxicology for Nursing*



03

# Course Management

The program's teaching staff includes leading specialists in Forensic Toxicology for Nursing and other related areas, who bring their years of work experience to this training program. 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 procedures in the field of Forensic Toxicology for Nursing from leading professionals”*

## Management



### Dr. Cuadrado Gómez-Serranillos, Carlos

- ◆ Member of the Royal Society of Medicine in the United Kingdom
- ◆ Member of the United Kingdom Resuscitation Council
- ◆ Member of the Spanish Society of Paediatric Neurosurgery
- ◆ Member of the Spanish Society of Neurorehabilitation
- ◆ PhD in Medicine and Surgery
- ◆ Master's Degree in Forensic Medicine
- ◆ Master's Degree in Clinical Neuropsychology
- ◆ Master's Degree in Legal Psychology and Criminology
- ◆ Degree in Medicine and Surgery
- ◆ Degree in Psychology and Criminology
- ◆ Diploma in Forensic Dentistry

## Professors

### 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 contents has been designed by a team of professionals from the best hospitals and universities in the country, who are aware of the relevance of up-to-date training to be able to intervene in the diagnosis, treatment and monitoring of emergency toxicologic pathology, and who are committed to quality teaching through new educational technologies.





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*This Postgraduate Certificate in Forensic Toxicology for Nursing contains the most complete and up-to-date scientific program on the market”*

## Module 1. Forensic Toxicology

- 1.1. Introduction
  - 1.1.1. Etiology
  - 1.1.2. Mechanisms
- 1.2. Gas and Vapor Poisoning
  - 1.2.1. Concept
  - 1.2.2. Classification
  - 1.2.3. Diagnosis
- 1.3. Poisoning by Caustics, Metals, and Derivatives
  - 1.3.1. Concept
  - 1.3.2. Classification
  - 1.3.3. Diagnosis
- 1.4. Alcohol and Solvent Poisoning
  - 1.4.1. Concept
  - 1.4.2. Classification
  - 1.4.3. Diagnosis
- 1.5. Pesticide Poisoning
  - 1.5.1. Concept
  - 1.5.2. Classification
  - 1.5.3. Diagnosis
- 1.6. Drug, Food, Mushroom, and Venom Poisoning
  - 1.6.1. Concept
  - 1.6.2. Classification
  - 1.6.3. Diagnosis
- 1.7. Autopsies in Poisoning Deaths
  - 1.7.1. Concept
  - 1.7.2. Etiology
  - 1.7.3. Classification





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*A unique, key, and decisive training experience to boost your professional development”*



05

# Methodology

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

This teaching system is used 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 Nursing School we use the Case Method

In a given clinical situation, what would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology 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 power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing 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. Nurses who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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 university program.





## Re-learning Methodology

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

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.



*The nurse will learn through real cases and by solving 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 we have trained more than 175,000 nurses with unprecedented success, in all specialties regardless of from the workload. 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*

In our program, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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



In this program you will have access to the best educational material, prepared with you 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.

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.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current nursing procedures and techniques. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



### 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 unique multimedia content presentation training system 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 training.







### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



### Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your goals.



### 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 our future difficult decisions.



### Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



# 06 Certificate

The Postgraduate Certificate in Forensic Toxicology for Nursing guarantees you, in addition to the most rigorous and up-to-date specialization, access to a Postgraduate Certificate issued by TECH Technological University.





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



This Postgraduate Certificate in Forensic Toxicology for Nursing contains the most complete and up-to-date scientific program on the market.

After students have passed the evaluations, they will receive their corresponding Postgraduate Certificate issued by TECH Technological University via tracked delivery\*.

The diploma issued by TECH Technological University will express the qualification obtained in the course, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Forensic Toxicology for Nursing**

ECTS: **6**

Official Number of Hours: **150**



\*Apostille Convention. In the event that the student wishes to have their paper diploma Apostilled, TECH EDUCATION will make the necessary arrangements to obtain it at an additional cost of €140 plus shipping costs of the Apostilled diploma.

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



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