

# Postgraduate Certificate Toxicology and Advanced Approach to the Psychiatric Patient





## Postgraduate Certificate Toxicology and Advanced Approach to the Psychiatric Patient

- » 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/toxicology-advanced-approach-psychiatric-patient](http://www.techtute.com/us/nursing/postgraduate-certificate/toxicology-advanced-approach-psychiatric-patient)

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# 01

# Introduction

Situations that may arise in Accidents and Emergencies departments are undoubtedly very diverse and require nursing professionals to be properly qualified to be able to deal with them. In this sense, one of the cases that challenge nurses' knowledge and skills the most are toxicological or psychiatric emergencies due to the difficulty in establishing a relationship with the patient. Therefore, this complete TECH program will focus on providing students with the necessary skills to intervene in this type of cases with a higher degree of success, knowing in depth the characteristics of these patients and the most effective treatments for them.



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*Learn, through this Postgraduate Certificate, the correct ways of handling patients with toxicological and/or psychiatric problems and become a top-notch nurse”*

This Postgraduate Certificate will cover the problem of toxicology from different perspectives in order to offer students a concrete learning experience. On the one hand, it will be discussed the abuse of illegal or legal substances, toxicology from a ludic perspective. Along with this, we will delve into chemical submission, which aims to dominate the victim for the commission of a crime (abuse, theft) by eliminating the memory of everything that happened during that period of time.

The objective of this program is for the nurse to acquire the knowledge and skills necessary to perform an initial assessment of the patient and, consequently, a prediction of the potential severity of the intoxication, thereby allowing the professional to distinguish between those situations that require immediate attention in the intensive care unit from those that allow a delay in the therapeutic approach.

On the other hand, acute intoxication as a pathology of high prevalence in emergency departments will be discussed in depth in this Postgraduate Certificate, addressing both substances of abuse and pharmacological overdose, including the use of drugs or antagonist products and therapies for neutralization and elimination of the toxicant in which Nursing plays a fundamental role.

Likewise, the program will address the comprehensive care of the psychiatric patient, trying to provide the nurse with the necessary tools to intervene safely and effectively in a psychiatric emergency situation, both individually and as part of a team. In this sense, the main alterations and diseases that endanger people's lives, the patients' lives or their environment will be studied. In this regard, verbal, pharmacological and/or mechanical restraint strategies will be discussed in depth.

This **Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient** contains the most complete and up-to-date scientific program on the market.

The most important features include:

- ♦ The graphic, schematic and practical contents of the course are designed to provide all the essential information required for professional practice
- ♦ Exercises where the self-assessment process can be carried out to improve learning
- ♦ An algorithm-based interactive learning system, designed for decision-making for patients with nutritional problems
- ♦ Theoretical lessons, questions to the course, discussion forums on controversial issues and individual reflection papers
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Improve your knowledge in toxicology and psychiatry in hospital and out-of-hospital emergencies through this program, where you will find the best didactic material with real cases”*

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*This Postgraduate Certificate is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge on Toxicology and Advanced Approach to the Psychiatric Patient, you will obtain a qualification from one of the most reputable educational institutions: TECH Technological University”*

The program's teaching staff includes professionals from the fields of Medicine and Nursing, who bring their work experience to this education, as well as renowned specialists from prestigious reference societies and universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and highly experienced experts in accidents and emergencies nursing.

*The learning of this Postgraduate Certificate is developed through the most advanced educational means in online teaching to guarantee that your effort will have the best possible results.*

*This 100% online Postgraduate Certificate will allow you to balance your studies with your professional work while increasing your knowledge in this field.*



# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the professional achieves in a practical and rigorous way the study of Accidents, Advanced Emergencies and Disasters in the daily practice of their profession. In this sense, the Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient responds to the continuous demand of professionals for quality education in this regard, which serves as a means to use different types of approaches when administering accurate treatment to patients with substance abuse problems or psychiatric pathologies, as well as preventive tools in maintaining the health of these patients.



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*With this Postgraduate Certificate, TECH sets only one goal: to help you grow in your professional career and to become a prestigious nurse”*



## General Objectives

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- Obtain education for the comprehensive management of acutely poisoned patients and approach to the main toxicological emergencies
- Develop knowledge of the main abuse drugs and the antidotes used in emergency department
- Review the main psychiatric pathologies that require the use of an emergency service, and update on the nursing care of patients with mental disorder
- Increase knowledge of epidemiology, legislation and nursing care to the psychiatric patient



*A boost to your CV that will give you the competitiveness of the best prepared professionals in the labor market"*





## Specific Objectives

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- ♦ Delve into the necessary knowledge for the management and identification of main toxicological emergencies and abuse drugs
- ♦ Know the action protocol to be followed in case of "chemical submission"
- ♦ Recognize and distinguish those intoxications that require immediate attention, teaching the student how to evaluate and approach them
- ♦ List the main antidotes, their pharmacokinetics and pharmacodynamics, as well as their preparation and administration
- ♦ Identify and assess through observation, interview and therapeutic relationship the needs of the psychiatric patient
- ♦ Acquire the necessary skills in the performance of Nursing care in the patient with mental disorders
- ♦ Acquire evidence-based knowledge about mental health
- ♦ Enhance knowledge on the approach to psychiatric patients and their special conditions
- ♦ Acquire notions on the main psychiatric illness to carry out an adequate adaptation between the patient's needs and the interventions of the Nursing Staff
- ♦ Delve into the main causes of attempted suicide and suicidal ideation, as these pathologies are increasing, with high mortality and incidence rates, especially in some age groups
- ♦ Prepare students on the types of containment for the psychiatric patient's approach, acquiring the ability to choose and implement them according to the patient's needs
- ♦ Know the main epidemiological and morbidity data associated with mental illness
- ♦ Know the current legislation on mental health
- ♦ Learn about the determinants and epidemiology of the main mental health problems among emergency department workers

# 03

# Course Management

The program's teaching staff includes leading specialists in Nursing of Accidents and Emergencies and other related areas, who bring their years of work experience to this educational program. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner. All of this, with the aim of providing nurses with the most complete information and contents of the educational panorama so that they can practice their profession with greater guarantees of success.



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*The best team of professionals gathered with a single purpose, to bring you closer to academic and professional excellence”*

## Management



### Ms. Souto Novas, Ana María

- ◆ Nurse Emergency Supervisor at La Paz University Hospital
- ◆ Admission Nurse at La Paz University Hospital
- ◆ Master's Degree in Integration and Critical Problem Solving in Nursing from the University of Alcalá
- ◆ Postgraduate Diploma in Management and Nursing Services Leadership given by the School of Health Sciences
- ◆ Postgraduate Diploma in Accidents and Emergencies from the Complutense University of Madrid
- ◆ Postgraduate Certificate in Nursing from the Pontificia University of Salamanca



### D. Ruiz López, Daniel

- ◆ Nurse specialized in Nursing Services Direction and Management
- ◆ Nursing Supervisor in the Adult Emergency Department of La Paz University Hospital of Madrid
- ◆ Diploma in Nursing (D.U.E.), University School of Nursing, Cordoba
- ◆ Master's Degree in Nursing Management. Cardenal Herrera University
- ◆ University Expert in Nursing in the Hospital Emergency Department. Cardenal Herrera University
- ◆ University Expert in Management Skills for Nursing. Cardenal Herrera University
- ◆ University Expert in Quality Management for Nursing. Cardenal Herrera University
- ◆ University Expert in Management and Services Supervision for Nursing. Cardenal Herrera University
- ◆ University Expert in Direction and Management of Health Services for Nurses. Cardenal Herrera University
- ◆ Instructor of Instructors and Auditors in Triage Manchester. Spanish Triage Group
- ◆ Manchester Triage System Course. Spanish Triage Group



## Professors

### **Dr. Estebanz Santamaría, Cristina**

- ◆ Nurse and Researcher
- ◆ Nurse at the Adult Emergency Department of La Paz University Hospital
- ◆ Associate Professor of Nurses, Autonomous University of Madrid
- ◆ Main advisor for Nursing Clinical internships at the Autonomous University of Madrid
- ◆ PhD in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Graduate in Nursing from the Autonomous University of Madrid
- ◆ Master's Degree in Accidents, Emergencies and Critical Nursing Care given by the European University of Madrid

### **D. Galbis Palma, Alejandro**

- ◆ Nurse at the Adult Emergency Department of La Paz University Hospital
- ◆ Postgraduate Certificate in Nursing
- ◆ Postgraduate Certificate in Nursing Application of Techniques in Accident and Emergency Care
- ◆ Postgraduate Certificate in Nursing Interventions in Disaster Situations
- ◆ Postgraduate Certificate in Instrumentalized Life Support
- ◆ Postgraduate Certificate in Intravenous Therapy and PICC Implantation

**D. García Garrido, Miguel Ángel**

- ◆ Nurse of the Adult Emergency Department of La Paz University Hospital
- ◆ University Diploma in Nursing
- ◆ Master's Degree in Health Emergency and Disasters given by the University of León
- ◆ Master's Degree in Critical Illness and Emergencies given by the University of Barcelona
- ◆ Master's Degree in Clinical Research given by the University of Barcelona
- ◆ Postgraduate Certificate in Advanced Life Support
- ◆ Postgraduate Certificate in Trauma Advanced Life Support
- ◆ Postgraduate Certificate in Basic and Advanced CPR in Pediatrics

**Ms. Gómez Lage, Laura**

- ◆ Nurse at the Adult Emergency Department of La Paz University Hospital
- ◆ Degree in Nursing from the Complutense University of Madrid
- ◆ Expert in Nursing Processes and Interventions for Pediatric Patients in Life-Threatening Situations by FUDEN and the Catholic University of Avila
- ◆ Expert in Emotional Development and Parenting by FUDEN and Catholic University of Avila
- ◆ Basics of Accident and Emergency Nursing by FMAE
- ◆ Emergencies in the Institutionalized Patient Care by the Puerta de Hierro Majadahonda University Hospital
- ◆ Pharmacology Residency in Accident and Emergency Care by FUDEN
- ◆ Nursing Care of the Healthy Newborn by FMAE
- ◆ Frequently Used Drugs by Diffusion Nursing Advances





**Ms. Peinado Quesada, María Angustias**

- ◆ Nurse at the Adult Emergency Department of La Paz University Hospital
- ◆ Nurse in the Intensive Care Unit of St Helier Hospital (London)
- ◆ Nurse in the Heart Unit of La Paz University Hospital
- ◆ Nurse in the Intensive Care Unit of La Paz University Hospital
- ◆ Full Professor at the Autonomous University of Madrid
- ◆ Diploma in Nursing from the Autonomous University of Madrid.
- ◆ Master's Degree in Assessment and Management of the Critically Ill Patient by St. George's University (London)
- ◆ Expert in Advanced Mechanical Ventilation for Nurses from ST George's University
- ◆ Expert in Accident Emergency and Critical Care Nursing Care by FUDEN
- ◆ American Heart Association BLS/AVS Instructor

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*Make the most of this opportunity to learn about the latest advances in this area in order to apply it to your daily practice”*

04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best hospitals and universities of the national territory, aware of the relevance in current education in order to prevent, detect and intervene in those situations in which the patient may come to the emergency department and require specific attention. All this, with the aim of educating nurses who are much more competent and prepared to care for patients with different symptomatology in Accident and Emergency departments both in and out-of-hospital, knowing how to deal correctly with cases of toxicological or psychiatric problems.



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*This Online Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient contains the most complete and up-to-date scientific program on the market”*

## Module 1. Toxicology and Advanced Approach to the Psychiatric Patient

- 1.1. Drugs of Abuse and Intoxication. Chemical Submission
- 1.2. Advanced Management of Acute Poisoning. Antidotes
- 1.3. Epidemiology and Legal Framework of the Psychiatric Patient
- 1.4. Ideation and Autolytic Attempt
- 1.5. Behavioral Alterations
- 1.6. Communication Strategies and Verbal Restraint
- 1.7. Mechanical Restraint and Safety
- 1.8. Emotional Impact on Working Staff in Emergency Departments





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*This program will allow you  
to advance in your career  
in a comfortable way”*

# 05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

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 Relearning, 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 situation, what should a professional do? 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 an abundance of 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 course.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of 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 Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*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.*

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 really 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.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, 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 them as many times as you want.



### 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 educational system for presenting multimedia content 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 their 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 future difficult decisions.



### 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.



06

# Certificate

The Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

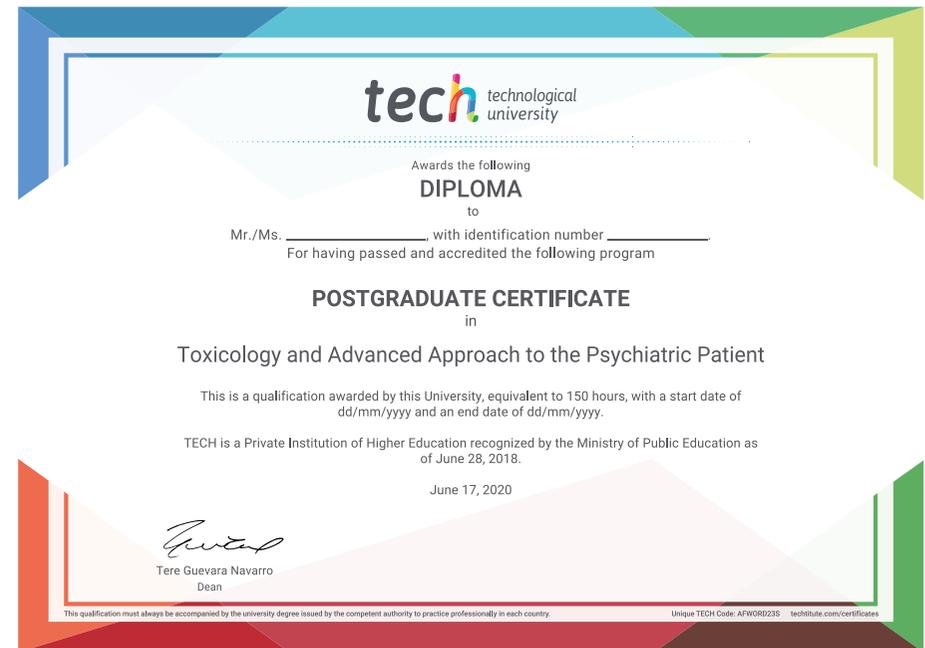
This **Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Certificate in Toxicology and Advanced Approach to the Psychiatric Patient**

Official N° of Hours: **150 h.**



\*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.



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