

**Postgraduate Certificate**  
Management and Planning  
of Care in Accidents,  
Emergencies and Disasters



## Postgraduate Certificate Management and Planning of Care in Accidents, Emergencies and Disasters

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

Website: [www.techtitute.com/in/nursing/postgraduate-certificate/management-planning-care-accidents-emergencies-disasters](http://www.techtitute.com/in/nursing/postgraduate-certificate/management-planning-care-accidents-emergencies-disasters)

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# 01

# Introduction

Situations that may arise in Emergency Departments are undoubtedly very diverse and require the service to be properly organized to avoid the collapse of professionals and facilities. Being fully aware of this, TECH professionals have designed this complete program in which, over six weeks, the Nursing professional will obtain a complete and effective vision of the correct way to manage and plan the actions in the emergency department, providing added value to the health institutions of which it is part.



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*"Knowing how to manage and plan emergency care is a vital competency in the nurse's curriculum, as it equips them to practice at a much higher level"*

Currently, one of the most complex healthcare environments to work in are the Accident and Emergency care departments of hospitals and from all types of health centers. This is because the professionals who work there encounter critical situations of all kinds on a daily basis which put their response capacities and knowledge on trial. This situation gets worse if this service is not properly managed and organized; therefore, TECH professionals have designed this complete Postgraduate Certificate that will provide nurses with the necessary skills to exercise the function of management of the emergency department with greater guarantees of success.

In this sense, this program delves into the relevant aspects of the emergency services. In this way, the professional will understand that in order to provide comprehensive care, the assistance must be understood as a whole, in which the ethical-legal aspects in which Nursing professionals move must be known, as well as the reasons for emergency saturation that could cause the patient to stay longer than necessary in the emergency department. In the same way, the most important aspects of patient safety, the cornerstone of all healthcare, will also be addressed.

On the other hand, the program will focus on quality of care and patient safety, two concepts that are very present in the day-to-day work of any healthcare professional. For this reason, this Postgraduate Certificate will show the student the fundamental knowledge about the management of healthcare quality, providing information about the principles of continuous improvement and the different models to be applied in healthcare organizations.

Finally, and as a central part of the program, an attempt will be made to highlight the role of Nursing at a time when humanization is gaining a relevant place in healthcare. In this way, the nurse will understand a humanized healthcare system as one in which the organization is centered on the person, who needs a series of care and who undergoes a period of vulnerability. For some time now, the role of an individual has been relegated to a second place, and the focus has shifted to working on a day-to-day basis. For all these reasons, this Program will emphasize this issue in particular.

All this in a 100% online program that allows the professional to study where and when they want, only requiring a device with Internet connection. This way, you will not have to neglect your professional and personal obligations to continue learning to become a top-notch nurse.

This **Postgraduate Certificate in Management and Planning of Care in Accidents, Emergencies and Disasters** contains the most complete and up-to-date scientific program on the market. Its most outstanding features are:

- ♦ 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



*Immerse yourself in the study of this complete program and improve your skills as a nurse"*

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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 in Management and Planning of Care in Accidents, Emergencies and Disasters, you will obtain a certificate from one of the most reputable educational institutions: from TECH”*

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.

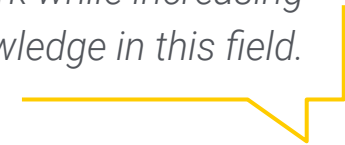
Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare in real situations.

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 emergency nursing.

*This Postgraduate Certificate allows students to exercise through simulated environments, which provide immersive learning programmed to train in real situations.*



*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 Professional Certificate in Management and Planning of Care in Accidents, Emergencies and Disasters responds to the continuous demand of professionals for quality study, which serves as a means to use the different types of approaches and treatments as a preventive or therapeutic tool in maintaining the health of their 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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- ♦ Acquire the necessary knowledge, skills and attitudes in the area of emergencies that allow, in an adequate manner, to make decisions in critical moments based to the patient's needs
- ♦ Examine the main bioethical issues and be able to deal with them
- ♦ Recognize the characteristics of emergency saturation to adopt a proactive attitude anticipating in the decision-making process
- ♦ Enable students to develop competencies that will allow them to plan objectives and strategies in accordance with the guidelines of the health organization





## Specific Objectives

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- Know the fundamentals and historical evolution of Accident and Emergency health care as well as the new therapeutic approaches currently available
- Acquire knowledge on epidemiology in Accident and Emergency Services; plasticity and elasticity in situations of saturation, and their functional and structural re-organization in special situations (epidemics and pandemics)
- Understand the most relevant legal and ethical aspects of health care in Accident and Emergency services. Expand theoretical knowledge and its clinical applicability
- Identify the main ethical dilemmas in Accident and Emergency departments. Know the bioethical principles and their prioritization in pandemic situations
- Review humanization in emergency services and the peculiarity of its implementation  
Learn the Emergency Nursing profile characteristics, as well as their different professional roles
- Increase knowledge of emergency department management, peculiarities and challenges, as well as quality definition and assessment: criteria and indicators
- Know and apply the tools for quality management Identify the most common concepts and terms related to quality management Apply the most widely used models: ISO 9001, EFQM
- Develop in depth knowledge of standardized nursing language (NANDA, NOC, NIC interrelationships) for subsequent application in emergency departments
- Acquire knowledge of the types of resources for emergency health care and their impact on the health care system
- Review the medical-legal aspects of patient safety and its multidisciplinary approach
- Acquire knowledge related to patient safety, as well as the measures to improve patient safety in this area, as a key component of the quality of care



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

# 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 training 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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*An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during your program a unique opportunity not to be missed”*

## 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
- ◆ Triage System Training 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 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

“*An opportunity created for professionals who are looking for an intensive and effective Postgraduate Certificate with which they will take a significant step forward in their profession*”

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 of 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.



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*This Online Postgraduate Certificate in Management and Planning of Accidents, Emergencies and Disasters contains the most complete and up-to-date scientific program on the market”*

## Module 1. Management and Planning of Care in Accidents, Emergencies and Disasters

- 1.1. Past, Present and Future of Accident and Emergency Services. New Therapeutic Approach
- 1.2. Epidemiology and Criteria for Emergency Department Saturation
- 1.3. Legal framework for Urgent and Emergency Care
- 1.4. Ethics Framework for Urgent and Emergency Care
- 1.5. Humanization. The Role of Nurses
- 1.6. Management and Quality
- 1.7. Registration Systems and Standardized Language Contingency Plans
- 1.8. Financial Resources for Emergency Health Care
- 1.9. Patient Security





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

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:

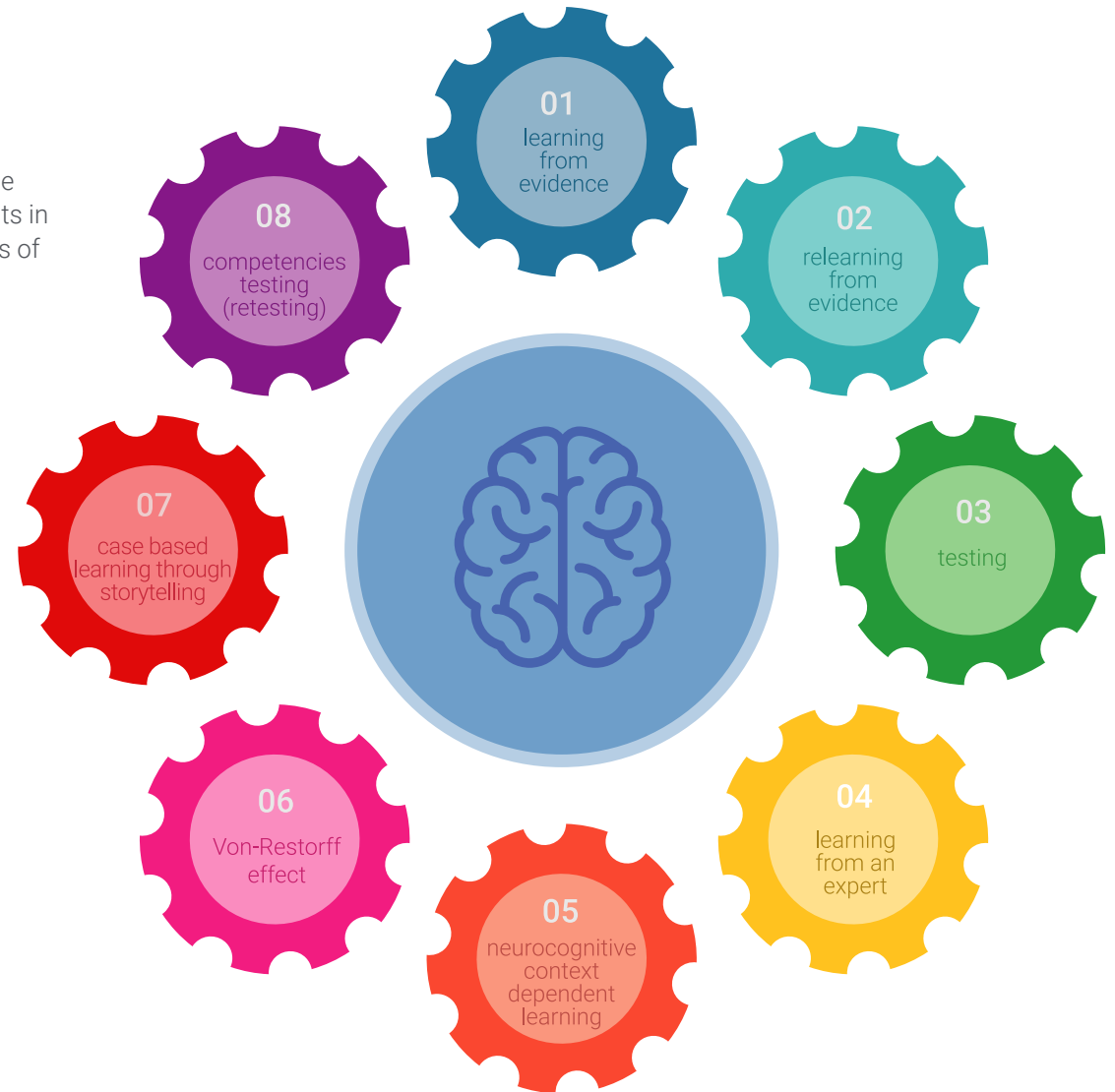
1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into 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 Management and Planning of Care in Accidents, Emergencies and Disasters 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 Management and Planning of Care in Accidents, Emergencies and Disasters** 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 certificate 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.

Program: **Postgraduate Certificate in Management and Planning of Care in Accidents, Emergencies and Disasters**

Official No. of Hours: **150 h.**



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





## Postgraduate Certificate

### Management and Planning of Care in Accidents, Emergencies and Disasters

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