

# Postgraduate Diploma

## Advanced Practice Nursing in Special Services





## Postgraduate Diploma Advanced Practice Nursing in Special Services

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

Website: [www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-advanced-practice-nursing-special-services](http://www.techtute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-advanced-practice-nursing-special-services)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

Special services such as hospital triage, out-of-hospital emergencies or anesthesia and resuscitation are increasingly demanding nursing professionals with superior and up-to-date knowledge. In a reality where the figure of the advanced practice nurse is being imposed, it is essential for professionals in this area to become familiar with the latest scientific evidence and postulates. Therefore, TECH has compiled in this program the current findings and fundamentals of Advanced Practice Nursing (APN), along with current advances in techniques, procedures and management of special and critical situations.



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*Based on the latest scientific evidence, you will update your most fundamental knowledge of Advanced Practice Nursing to continue to provide optimal and safe care”*

Advanced practice nurses must always have the most up-to-date knowledge and skills possible. Their demanding level of work requires a modern approach to evidence-based nursing, the latest developments in nursing diagnostics and hospital APN management, among other important competencies.

TECH has assembled a team of professionals with extensive experience in the supervision and coordination of nursing teams, as well as state-of-the-art case management in special services. The professors have placed special emphasis on the most recent studies on advanced triage systems, medical transport, management of polytraumatized patients and advanced practice in patients with chronic pathology.

All this enriches the syllabus with the most advanced and cutting-edge techniques in Advanced Practice Nursing in Special Services, as well as recommendations and updates on the latest tools in health care activities.

A program that offers the maximum possible flexibility. Its 100% online format makes it possible to perfectly balance professional, personal and work-related facets of nursing. As all the didactic content is available for download, the course load can be adapted to the most demanding work rhythms and personal responsibilities.

This **Postgraduate Diploma in Advanced Practice Nursing in Special Services** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- ♦ Practical cases presented by experts in Advanced Practice Nursing
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies in Advanced Practice Nursing
- ♦ 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



*You will continue to perfect your approach to critical patients, whether polytraumatized patients or in major disaster situations”*

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*You will raise your skills to a higher level in the supervision and coordination of nursing teams, adapting the leadership style required at any given moment”*

The program includes in its teaching staff professionals from the sector who bring to this training the experience of their work, as well as recognized specialists from leading societies and prestigious universities.

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 programmed to train in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will learn about the latest APN developments in research, teaching and management, as well as their application in clinical practice.*

*You will be able to study at your own pace, choosing when, where and how to take on the course load.*



# 02 Objectives

The main objective of this course is to provide nurses with the latest updates, recommendations and practical tools necessary to continue offering the best possible professional practice. For this reason, TECH proposes a series of objectives to be met throughout the program. Thanks to this commitment and high educational standards, nursing professionals will incorporate all this updated knowledge into their daily practice even before completing the course.





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*You will focus on the most relevant topics and issues in today's Advanced Practice Nursing, making the most of all the updates provided”*



## General Objectives

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- ◆ Specialize nursing professionals for advanced practice in research, teaching and care
- ◆ Know the most complex specific procedures in nursing practice
- ◆ Acquire advanced knowledge in anatomy, physiology, pathology and pharmacology
- ◆ Adapt professional nursing profiles to perform organizational and/or care positions at the highest level, all related to the most innovative and booming topics in advanced nursing

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*You will be supported by the largest academic institution in Spanish, which can offer you the best guidance and updates in the entire university landscape”*





## Specific Objectives

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### Module 1. Advanced Practice Nursing (APN)

- ◆ Study advanced nursing research in depth
- ◆ Study advanced nursing management
- ◆ Delve into the human aspect of patient care
- ◆ Know the history of advanced nursing practice
- ◆ Analyze clinical administration and accounting

### Module 2. Fundamentals of Nursing and Advanced Practice

- ◆ Delve into the fundamentals of the nursing profession
- ◆ Understand nursing processes from an expert perspective
- ◆ Learn how to correctly perform nursing care processes in advanced practice
- ◆ Achieve the necessary knowledge to correctly prescribe medication

### Module 3. Advanced Practice in Special Services

- ◆ Employ expert skills in hospital emergency services.
- ◆ Know the main action protocols in out-of-hospital emergencies
- ◆ Expertly manage and assist nursing practices in critical care units
- ◆ Manage invasive and non-invasive ventilators at an advanced level
- ◆ Master the materials and drugs necessary to perform anesthetic methods
- ◆ Internalize the main basic and advanced life support guidelines

03

# Course Management

TECH has entrusted the creation of this program to the best professionals in the nursing sector, who have demonstrated a high capacity in the most current fundamentals of APN and advanced practice in special services. Therefore, students are guaranteed to access a completely current academic program focused on continuously updating their knowledge.



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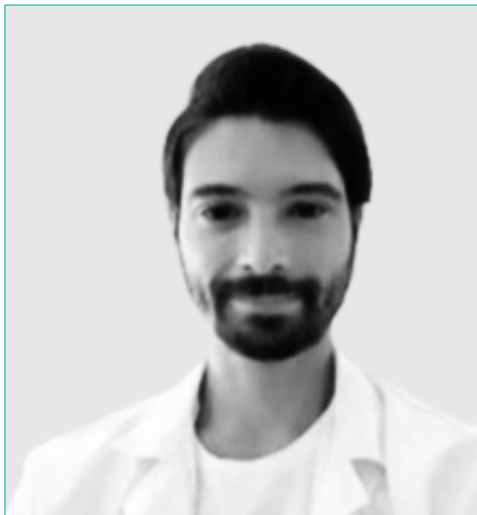
*Experienced nurses in academic and practical fields have gone to great lengths to ensure that this program is of the highest possible quality, giving you access to the most advanced scientific studies”*

## Management



### Ms. Alonso Díaz, Verónica

- ♦ Advanced Practice Nurse in the Community of Madrid
- ♦ Head of Nursing CAP Santa Isabel
- ♦ Head of Nursing at CAP Cuzco
- ♦ DUE, Escuela Universitaria Cruz Roja, associated to UAM



### Mr. Jiménez Vales, Luis

- ♦ EIR training tutor, CTO Nursing Group
- ♦ Pediatrics EIR Teaching Coordinator, CTO Nursing Group
- ♦ Teaching coordinator of Oncohematology and Pain EIR, CTO Nursing Group
- ♦ Nurse in the area of Donors/Blood Bank, Fundación Jiménez Díaz
- ♦ Diploma in Nursing, School of Nursing, Fundación Jiménez Díaz, Universidad Autónoma de Madrid
- ♦ Specialist in Gynecology and Obstetrics, Gregorio Marañón General University Hospital
- ♦ Higher Technician Specialist in Clinical Diagnostic Laboratory, IES SIGLO XXI, Leganés



## Professors

### Ms. Fernández Rivas, Irene

- ◆ Nurse in adult consultation, Peña Prieta Health Center
- ◆ Nurse on the COVID floor and in internal medicine, Rey Juan Carlos Hospital, Móstoles
- ◆ Nurse specialist in Family and Community Nursing, Severo Ochoa Hospital, Leganés
- ◆ Degree in Nursing, Complutense University of Madrid
- ◆ Master's Degree in Nursing Care, Procedures and Clinical Applications, San Antonio Catholic University

### Ms. Casas Reche, Almudena

- ◆ Nurse at Santa Isabel Health Center
- ◆ Nurse in the surgical ward at Moncloa Hospital
- ◆ Nurse at the Getafe Sanitas Geriatric Residence
- ◆ Degree in Nursing, University of Rey Juan Carlos, Alcorcón
- ◆ University Specialist Course in Out-Patient Emergency Nursing, University Rey Juan Carlos, Alcorcón
- ◆ Expert Course in Nursing in Physical Activity and Sports, Complutense University of Madrid

### Ms. Somoza Jiménez, Isabel

- ◆ Primary Care Nurse
- ◆ Degree in Nursing, CEU San Pablo University
- ◆ University Expert in Child Emotional Development and Upbringing
- ◆ University Expert in Nursing Processes and Interventions for Pediatric Patients in Common Hospitalization Situations, Catholic University of Avila
- ◆ Course in Leadership of the future: Advanced Practice Nursing
- ◆ Certification for indication, use and authorization of dispensing of drugs and medical devices for nursing professionals
- ◆ Course in Nursing Clinical Electrocardiography

# 04

## Structure and Content

In their efforts to ensure nurses get the most out of the investment made in the course, the professors have made an exhaustive review of the entire syllabus and contents on the program to structure them in a clear and concise manner. This is of great help to students, since they will have at their disposal study and reference material of the highest level, based on the current pedagogical and educational advances in the academic landscape.





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*Thanks to Relearning, a methodology TECH has mastered, you will gradually and naturally improve and update your daily practice”*

## Module 1. Advanced Practice Nursing (APN)

- 1.1. Advanced Practice Nursing (APN)
- 1.2. Advanced Practice in Professional Nursing
- 1.3. Present and Future
- 1.4. Scope of Application
- 1.5. Career Opportunities
- 1.6. APN in Research
- 1.7. APN in Teaching: Doctorate Programs
- 1.8. APN in Management
  - 1.8.1. Clinical Financial Management
  - 1.8.2. Primary Care Center (PCC) Management
  - 1.8.3. Hospital Management
- 1.9. APN in Spanish-Speaking Countries
- 1.10. APN Clinical Practice Application

## Module 2. Fundamentals of Nursing and Advanced Practice

- 2.1. Theories and Models in EPA
  - 2.1.1. Conceptual Modeling
  - 2.1.2. Theories
- 2.2. Evidence-Based Nursing (EBN)
  - 2.2.1. Origin and Evolution
  - 2.2.2. Theoretical Framework
  - 2.2.3. EBN Today: Clinical Implications
  - 2.2.4. Main Factors Favoring the Application of EBN
  - 2.2.5. Barriers to the Application of EBN
- 2.3. Developing Advance Care Plans
  - 2.3.1. Nursing Care Processes (NCP)
  - 2.3.2. Classification and Elaboration of Advanced Nursing Care Plans



- 2.4. Advanced Practice in Patient Assessment
  - 2.4.1. Assessment Processes
    - 2.4.1.1. Data Collection
    - 2.4.1.2. Data Organization: Functional Health Patterns
    - 2.4.1.3. Data Validation
- 2.5. Nursing Diagnoses
  - 2.5.1. Concept and Evolution of Nursing Diagnoses
  - 2.5.2. Differences between Nursing and Medical Diagnoses
  - 2.5.3. Nursing Diagnoses
  - 2.5.4. Classification of NANDA Diagnoses
  - 2.5.5. Components of a Nursing Diagnosis
  - 2.5.6. Types of Nursing Diagnoses
  - 2.5.7. Nursing Diagnosis Statement
  - 2.5.8. Nursing Diagnosis Management
  - 2.5.9. Diagnostic Accuracy
  - 2.5.10. Most Frequent Errors in Diagnostic Judgment
  - 2.5.11. Recommendations to Correctly Establish Nursing Diagnoses
- 2.6. Therapeutic Judgment in Nursing
  - 2.6.1. Planning
  - 2.6.2. Implementation
  - 2.6.3. Assessment
- 2.7. Advanced Practice in Patients with Chronic Pathology
- 2.8. Nursing in Case Management
  - 2.8.1. Competencies of Nursing Case Managers
- 2.9. Nurse Prescriptions
- 2.10. Supervising and Coordinating Nursing Teams
  - 2.10.1. Leadership Styles
  - 2.10.2. Recommendations for Supervising and Coordinating Nursing Teams

### Module 3. Advanced Practice in Special Services

- 3.1. Advanced Hospital Triage Systems
- 3.2. Advanced Procedures and Techniques in Hospital Emergency Departments
- 3.3. Advanced Out-of-Hospital Triage Systems
- 3.4. Advanced Medical Transportation
- 3.5. Nursing Techniques and Procedures in Out-of-Hospital Emergencies
- 3.6. Advanced Management of Polytraumatized Patients
- 3.7. Advanced Management of Patients in Major Disasters
- 3.8. Advanced Practice in Critically Ill Patients
- 3.9. Mechanical Ventilation
- 3.10. Advanced Practice Nursing in Anesthesia and Resuscitation



*You will not have to invest enormous amounts of time to successfully pass the course, as you will find great audiovisual support that will prove essential to your study”*

# 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 Diploma in Advanced Practice Nursing in Special Services guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Advanced Practice Nursing in Special Services** 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 Diploma** issued by **TECH Technological University** via tracked delivery\*.

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

Title: **Postgraduate Diploma in Advanced Practice Nursing in Special Services**

Official Number of Hours: **450 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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