

# Postgraduate Certificate Fundamentals of Nursing and Advanced Practice





## Postgraduate Certificate Fundamentals of Nursing and Advanced Practice

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

Website: [www.techtute.com/in/nursing/postgraduate-certificate/fundamentals-nursing-advanced-practice](http://www.techtute.com/in/nursing/postgraduate-certificate/fundamentals-nursing-advanced-practice)

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# 01

# Introduction

In the ever-changing reality of advanced practice nurses, it is essential to have an up-to-date base of knowledge adapted to new scientific developments, as this is the only way to ensure the best professional practice can continue to be offered. This has motivated TECH to create this program, designed to provide nurses with the latest updates in comprehensive patient care, nursing diagnoses, team coordination and other essential modern competencies. A comprehensive teaching team, comprised of advanced practice nurses from various specialty areas, has designed the curriculum to update professionals on the essential fundamentals of advanced practice nursing.





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*You'll get up to speed on the latest developments in nursing diagnoses, as well as current APN theories and models”*

The International Council of Nurses established defined guidelines for advanced practice nursing, defining the integration of research, education, leadership and clinical management into a single professional figure with high capabilities.

The advanced practice nurse must be versatile and flexible across a variety of health services, including the ability to manage complex health problems and assume advanced clinical competencies beyond those of generalist nurses.

Aware of this situation, TECH has assembled an excellent teaching team from the field of advanced practice nursing to develop this program. By providing a unique vision that encompasses the latest scientific postulates with the current practical reality, nurses are ensured access to the best academic material on the subject.

In order to offer a program adapted to the most demanding professional life rhythms, TECH offers this Postgraduate Certificate in a 100% online format. This means that there are no predetermined schedules or face-to-face classes, giving students the freedom to download all the didactic material from day one. This greatly facilitates study, because they can freely choose the pace at which to take on the entire course load.

This **Postgraduate Certificate in Fundamentals of Nursing and Advanced Practice** 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 self-assessment can be used 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



*Study when, where and how you want on a program that adapts to your needs and respects your intensive working hours”*

“

*You will broaden and update your knowledge of comprehensive patient care in nursing, addressing the most frequent errors in nursing practice”*

The program's teaching staff includes professionals from sector who contribute their work experience to this training program, as well as renowned 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 have the opportunity to analyze real clinical cases, proposed by the teaching staff to better contextualize all the didactic content.*

*You will review the most successful leadership models used today, applying the recommendations of the expert teaching team into your daily practice.*



# 02 Objectives

The objective of this course is to offer nursing professionals a unique opportunity to update on all the fundamental aspects of Advanced Practice Nursing. To ensure the objectives are met, TECH has established clear guidelines for nursing professionals to follow throughout the program.







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*You will achieve your professional goal of being updated in the fundamentals of APN sooner than you might expect, aided by the most effective teaching methodology”*



## General Objectives

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- ◆ Train 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





## Specific Objectives

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- ◆ 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

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*You will leave the program with up-to-date knowledge of advanced practice in patient assessment”*

03

# Course Management

In building this program, TECH has been assisted by professionals versed in advanced practice nursing, who have infused their own professional experience throughout the entire syllabus. With a focus on the most recent scientific theory and the most successful advanced practice care, nurses are guaranteed a complete update on the fundamentals of APN.





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*You will learn from experienced professionals about the latest developments in evidence-based nursing”*

## 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. 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

TECH uses the most advanced pedagogical methodology to guarantee nursing professionals an efficient and complete educational experience. It is the only university in Spanish authorized to use Relearning, a method to gradually and naturally update all knowledge. This greatly reduces the course load, making it much easier to take on the program with the least possible investment of time.





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*You will not have to spend excessive hours getting organized, as you will find all the didactic material perfectly explained and summarized in the virtual classroom, fundamentally supported by audiovisual material”*

## Module 1. Fundamentals of Nursing and Advanced Practice

- 1.1. Theories and Models in EPA
  - 1.1.1. Conceptual Modeling
  - 1.1.2. Theories
- 1.2. Evidence-Based Nursing (EBN)
  - 1.2.1. Origin and Evolution
  - 1.2.2. Theoretical Framework
  - 1.2.3. EBN Today: Clinical Implications
  - 1.2.4. Main Factors Favoring the Application of EBN
  - 1.2.5. Barriers to the Application of EBN
- 1.3. Developing Advance Care Plans
  - 1.3.1. Nursing Care Processes (NCP)
  - 1.3.2. Classification and Elaboration of Advanced Nursing Care Plans
- 1.4. Advanced Practice in Patient Assessment
  - 1.4.1. Assessment Processes
    - 1.4.1.1. Data Collection
    - 1.4.1.2. Data Organization: Functional Health Patterns
    - 1.4.1.3. Data Validation
- 1.5. Nursing Diagnoses
  - 1.5.1. Concept and Evolution of Nursing Diagnoses
  - 1.5.2. Differences between nursing and medical diagnoses
  - 1.5.3. Nursing Diagnoses
  - 1.5.4. Classification of NANDA Diagnoses
  - 1.5.5. Components of a Nursing Diagnosis
  - 1.5.6. Types of Nursing Diagnoses
  - 1.5.7. Nursing Diagnosis Statement
  - 1.5.8. Nursing Diagnosis Management
  - 1.5.9. Diagnostic Accuracy
  - 1.5.10. Most Frequent Errors in Diagnostic Judgment
  - 1.5.11. Recommendations to Correctly Establish Nursing Diagnoses





- 1.6. Therapeutic Judgment in Nursing
  - 1.6.1. Planning
  - 1.6.2. Implementation
  - 1.6.3. Assessment
- 1.7. Advanced Practice in Patients with Chronic Pathology
- 1.8. Nursing in Case Management
  - 1.8.1. Competencies of Nursing Case Managers
- 1.9. Nurse Prescriptions
- 1.10. Supervising and Coordinating Nursing Teams
  - 1.10.1. Leadership Styles
  - 1.10.2. Recommendations for Supervising and Coordinating Nursing Teams

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*Thanks to the real clinical cases provided by the lecturers, you will have a much more contemporary and up-to-date view of advanced practice nursing”*

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 Fundamentals of Nursing and Advanced Practice 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 Fundamentals of Nursing and Advanced Practice** 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.

Title: **Postgraduate Certificate in Fundamentals of Nursing and Advanced Practice**  
Official N° 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.

future

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guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

online training

development

languages

virtual classroom

**tech** technological  
university

**Postgraduate Certificate**  
Fundamentals of Nursing  
and Advanced Practice

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

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