

# Postgraduate Certificate Nursing Process



## Postgraduate Certificate Nursing Process

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

Website: [www.techtute.com/pk/nursing/postgraduate-certificate/nursing-process](http://www.techtute.com/pk/nursing/postgraduate-certificate/nursing-process)

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# 01

# Introduction

Nursing processes in the hospital setting are complex and undergo continuous changes to adapt to different healthcare situations. Thus, in recent years, they have evolved rapidly, proposing new methods of intervention and assessment by the nurse. In response to this situation, this program has been designed to provide professionals with the latest knowledge and techniques, as it delves into issues such as data validation, recording and analysis, and innovation in products and care units. With these contents, the nurses will be able to update and prepare themselves to progress professionally in the hospital environment.





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*Update yourself in the different processes of hospital nursing thanks to this Postgraduate Certificate, which is taught in a 100% online format"*



Hospital processes are continually being transformed to respond to the challenges of each moment and healthcare situation. Therefore, the nurses must be attentive to these changes, so that they can have at their disposal the best tools and techniques adapted to the current state of the profession. Thus, with this program you will be able to delve into issues such as the clinical interview and physical examination, the structure of the nursing process, the NANDA taxonomy, or the association of diagnoses to functional patterns of health.

Based on a 100% online teaching system that will allow you to combine your work with your studies, you will be able to enjoy the best multimedia resources: analysis of real clinical cases, master classes, video procedures, interactive summaries, complementary readings and all kinds of theoretical and practical activities. In addition, the nurse will have a highly prestigious and experienced teaching staff that will make the learning process more agile.

With this, the nurses will be ready to apply the most innovative, up to date and accurate processes in their daily hospital work, preparing themselves to achieve significant professional progress.

This **Postgraduate Certificate in Nursing Process** contains the most complete and up to date educational program on the market. Its most notable features are:

- ♦ The development of case studies presented by experts in Hospital Nursing
- ♦ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where self assessment can be used to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Improve efficiency in your daily work with this refresher program, which will bring you up to date on the latest developments in issues such as the structure and management of the NOC taxonomy"*

“

*The best teachers will bring you up to date on the Nursing Process, aided by the most innovative didactic resources on the market”*

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 during the academic year. For this purpose, you will be assisted by an innovative system of interactive videos made by renowned experts with extensive experience in therapeutic personal training.

*TECH's online methodology will allow you to combine your work with this program, without interruptions and without rigid schedules.*

*The best teachers will bring you up to date on the Nursing Process, aided by the most innovative didactic resources on the market.*



# 02 Objectives

The main objective of this Postgraduate Certificate in Nursing Process is to bring the professional closer to all the novelties of this hospital area, based on an innovative teaching methodology, and with the support of the best teaching staff. Thus, at the end of this program, the nurse will be in a position not only to apply the best techniques in this field, but also to experience immediate professional progress.







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*TECH's goal is to provide you with everything you need to advance professionally as a nurse in the hospital setting”*



## General Objectives

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- ♦ Master the professional aptitude to integrate and apply knowledge, skills and attitudes, developing good practices during their professional practice
- ♦ Establish evidence indicators as indicators of compliance with good practices together with instruments for measuring and assessing them
- ♦ In depth knowledge of the hospital environment and culture together with the rules, rights and duties in Hospital Care
- ♦ Control different hospital areas and units and their particularities in nursing care and attention

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*You will have at your disposal the latest contents and a methodology specially designed so that the nurse's professional work is not affected”*





## Specific Objectives

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- ◆ Define the nursing process and its contribution to professional practice
- ◆ Apply the activities that comprise each stage of the nursing process
- ◆ Develop critical thinking to the stages of the nursing process
- ◆ Delve into the different nursing models
- ◆ Professionalize the initial assessment of patients based on human needs, functional health patterns and domains
- ◆ Identify the main health problems
- ◆ Develop diagnostic reasoning
- ◆ Apply comprehensive nursing care based on nursing interventions (ICN, ICN)
- ◆ Master the skills in the management of process assessment in order to adapt the results obtained
- ◆ Establish specific nursing care plans associated with the most frequent DRGs
- ◆ Incorporate self learning to continue progressing, as an instrument of development, innovation and professional responsibility through continuous training and in a context of humanization of care and safe practices
- ◆ Internalize the theoretical concepts and knowledge of nursing care as a basis for decision making in patient care
- ◆ Undertake comprehensive and systematic assessments using patient appropriate tools and frameworks
- ◆ Develop, evaluate and implement nursing care plans according to the needs of these groups and the expectations of the users



03

# Course Management

In order to ensure that the nurse enjoys the best possible learning process, TECH has brought together the best group of professionals and academic professors in the field of nursing. Thus, the professional will have within his reach a very complete and deep update, with which he will be able to improve his daily work as a hospital nurse immediately. Therefore, this program is the best option for the professional, since it has a high level of excellence in each of its educational areas.





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*Updating your skills has never been easier than with this program: enroll and get in touch with great experts in nursing processes in the hospital environment”*



## Management



### Ms. Santano Magariño, Almudena

- ♦ Head of Unit, Emergency and Critical Care Department, Gregorio Marañón General University Hospital, Madrid
- ♦ Assistant Director of Nursing at the Gregorio Marañón Hospital, Madrid
- ♦ Degree in Nursing from the Complutense University of Madrid
- ♦ Master's Degree in Health Care, Management and Care from the University of Santiago de Compostela
- ♦ Master's Degree in Health Services Management from the Superior Center for Management Studies. Complutense University of Madrid
- ♦ Master's Degree in Humanization in Health by the European University of Madrid
- ♦ Associate Professor of Nursing. Administration Nursing Services. Faculty of Health Sciences, Alfonso X University. Madrid

## Professors

### Ms. Esteve Ávila, María del Mar

- ♦ University Diploma in Nursing at Puerta de Hierro Majadahonda Hospital in the Psychiatry Unit
- ♦ Diploma in Nursing at the Alfonso X el Sabio Teaching Unit in Móstoles
- ♦ Master's Degree in Research in Nursing Sciences
- ♦ MBA in Healthcare Management IMF Formación in conjunction with Camilo José Cela University
- ♦ Mental Health Nursing Specialty. José Germain de Leganés Psychiatric Institute

### Ms. Sánchez Sevillano, Beatriz

- ♦ Supervisor of the Hematology Hospitalization Unit and Nuclear Medicine Unit. Puerta de Hierro University Hospital, Madrid
- ♦ Graduate in Nursing from the University of Salamanca
- ♦ Degree in Nursing from The University of Salamanca
- ♦ University Expert in Hematopoietic Progenitor Transplant Nursing By ADEIT University of Valencia

**Ms. Quiñones, Noemi**

- ◆ Internal Medicine Functional Unit Supervisor at the Puerta de Hierro Hospital
- ◆ Nurse in the Pneumology Unit
- ◆ Author of the “Adult Patient Care Pathways Manual” “Route of Care to the Patient with Respiratory Pathology” (Fuden-Enfo Ediciones)
- ◆ University Diploma in Nursing from the Autonomous University of Madrid

**Mr. Cazallo Navarro, Pablo**

- ◆ Nurse at Puerta de Hierro University Hospital in the Hospitalization Unit
- ◆ Nurse of the Quality Unit and Head of the Risk Management Functional Unit of the Puerta de Hierro Majadahonda University Hospital
- ◆ Supervisor of the Quality and Patient Safety Unit of the Puerta de Hierro Majadahonda University Hospital
- ◆ Nursing Supervisor of the COVID-19 IFEMA Hospital
- ◆ Master’s Degree in Health Management and Planning for Health Managers, organized by the SEDISA Foundation and taught by the European University of Madrid
- ◆ University Expert in “ Urgencies and Emergencies”, taught by the International School of Health Sciences and approved by the Distance University of Madrid – UDIMA
- ◆ University Expert “Management and Leadership of Nursing Services”, given by the International School of Health Sciences and approved by the Distance University of Madrid
- ◆ University Expert “Human Resources Management in Nursing”, taught by the National Distance Education University (UNED)



# 04

## Structure and Content

Throughout this Postgraduate Certificate, the nurse will have access to the latest knowledge on issues such as care planning and its different phases (prioritization, selection of results and planning of interventions), methods of organization of nursing work, innovation in care and professional responsibility or care based on scientific evidence. All this, over 150 hours of learning spread over 6 weeks.





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*The best contents to keep you up to date in nursing processes applied to the hospital environment are in this program”*



## Module 1. Nursing Process

- 1.1. Methodology of Care
  - 1.1.1. The Nursing Process
  - 1.1.2. Structure of the Nursing Process
- 1.2. Critical Thinking in Nursing
  - 1.2.1. Thinking Skills
  - 1.2.2. Clinical Judgement
- 1.3. Nursing Assessment
  - 1.3.1. Clinical Interview
  - 1.3.2. Physical Exploration
  - 1.3.3. Functional Patterns and Requirements
  - 1.3.4. Data Validation, Registration and Analysis
- 1.4. Nursing Diagnoses
  - 1.4.1. NANDA Taxonomy
  - 1.4.2. Association of Diagnoses to Functional Health Patterns
  - 1.4.3. Association of Diagnostics to Basic Human Needs
  - 1.4.4. Keys to the Formulation of Nursing Diagnoses
- 1.5. Care Planning
  - 1.5.1. Plan
  - 1.5.2. Types of Care Plans: Individualized and Systematized
  - 1.5.3. Planning Phases: Prioritization, Outcome Selection and Intervention Planning
  - 1.5.4. Prioritization Criteria
- 1.6. Outcome Criteria (NOC)
  - 1.6.1. Structure and Management of the NOC Taxonomy
  - 1.6.2. Criteria for the Selection of Expected Results







- 1.7. Nursing Interventions (NIC)
  - 1.7.1. Structure and Management of the NIC Taxonomy
  - 1.7.2. Criteria for the Selection of Interventions
- 1.8. Implementation
  - 1.8.1. Implementation of the Care Plan
  - 1.8.2. Phases of Care Plan Execution
  - 1.8.3. Methods of Organization of Nursing Work
  - 1.8.4. Records
- 1.9. Assessment
  - 1.9.1. Assessment Tools
- 1.10. Innovation of the Care Process
  - 1.10.1. Innovation in Products and Care Units
  - 1.10.2. Innovation in Care and Professional Responsibility
  - 1.10.3. Evidence Based Care

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*In addition to TECH's online methodology, these complete and up to date contents will prepare you to experience an immediate professional improvement”*

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. Gervas, 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 Nursing Process guarantees, in addition to the most rigorous and up to date training, access to a certificate issued by TECH Technological University.





*Successfully complete this training program  
and receive your university certificate  
without travel or laborious paperwork"*

This **Postgraduate Certificate in Nursing Process** contains the most complete and up to date educational 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 Nursing Process**

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



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