Postgraduate Certificate
Research and Innovation in Nursing in the Hospital Setting

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Postgraduate Certificate
Research and Innovation in Nursing in the Hospital Setting

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

Website: www.techtitute.com/pk/nursing/postgraduate-certificate/research-innovation-nursing-hospital-setting

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01
Introduction

Research is fundamental in the healthcare field. Not only does it improve diagnoses, treatments and interventions in patients with different pathologies, but in areas such as nursing it can speed up and perfect numerous processes. Thus, in contexts such as the current one, where it is necessary to improve clinical techniques, the innovation-oriented nurse can enjoy great professional opportunities. This program is focused, therefore, on helping the nurses to deepen their knowledge in this field, so that they can prepare themselves to participate in scientific research in the hospital environment.

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Research is essential in the healthcare field: this program will help you to deepen your knowledge in this area, so that you can access important career opportunities working in the field of science and innovation"

The current era is characterized by the constant search for innovation in all areas: IT, automotive, aviation, education, among others. And healthcare has not been left out of this process. In recent years there has been a large increase in investment in health research, which has led to a demand for new professional profiles. Thus, the figure of the research and innovation-oriented nurse is highly sought after.

For that reason, this Postgraduate Certificate in Research and Innovation in Nursing in the Hospital Setting is perfect for any professional who wishes to get up to date with the latest scientific methods applied to the work of nurses in the hospital. Throughout this program, you will be able to delve into issues such as the search for scientific evidence, the interpretation of the results of a scientific article or the clinical implications and benefits of applying evidence to care in the hospital setting.

All this, from a 100% online teaching system that will adapt to the circumstances of the professionals, allowing them to study when, where and how they decide. You will also benefit from the best content, presented in multimedia format, and a teaching staff of great international prestige.

This **Postgraduate Certificate in Research and Innovation in Nursing in the Hospital Setting** contains the most complete and up-to-date scientific 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

The new profile demanded by many health services is that of a nurse with knowledge in research and innovation, so this program is a great opportunity for professional advancement"

This program has the best content taught by the most prestigious and experienced faculty in health research"

The recent healthcare situation requires the nurse to have the most up-to-date knowledge in research and innovation.

TECH's teaching methodology has been custom designed to allow the professionals to study without interrupting their daily work.

The program's teaching staff includes professionals from the 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.
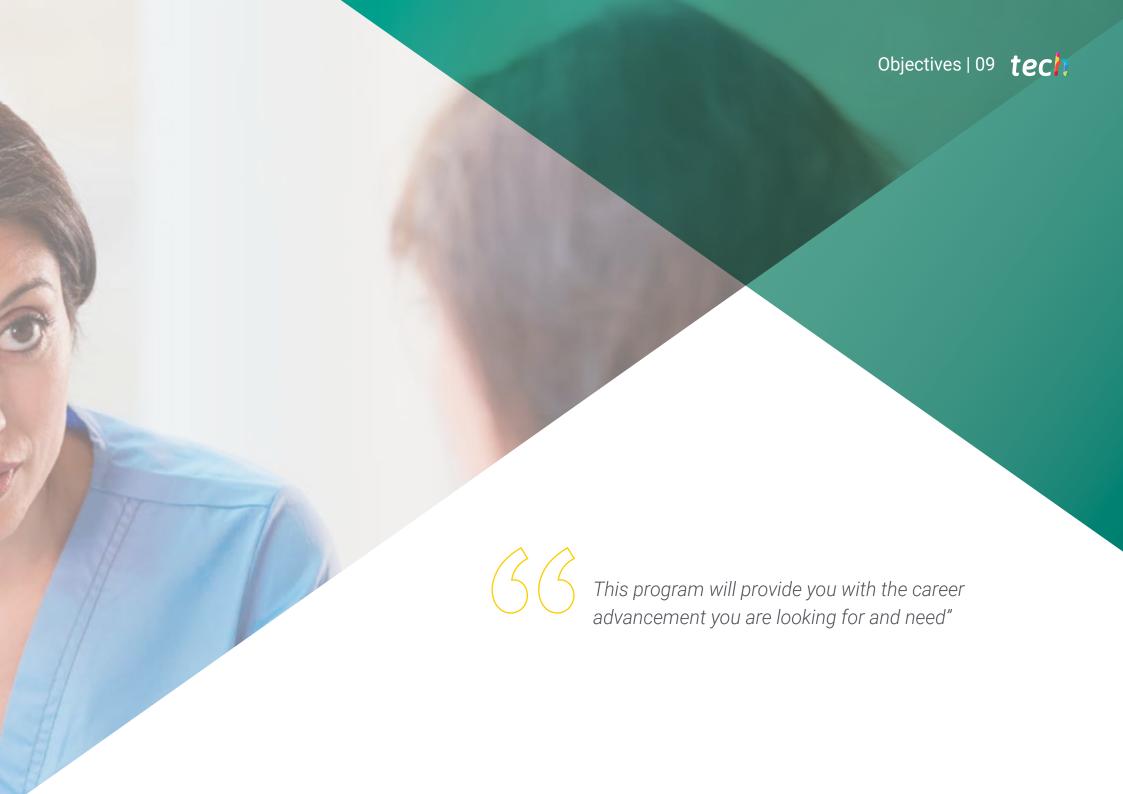
This program is designed around Problem Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

Taking into account the recent health situation, this Postgraduate Certificate in Research and Innovation in Nursing in the Hospital Setting will prepare the nurse to become a professional ready to act in different areas with great efficiency, especially when specialized knowledge in the scientific method is required. Thus, upon completion of the qualification, the nurse will have become an expert in health research and will be able to access numerous jobs and positions related to this field.

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"This program will provide you with the career advancement you are looking for and need"

General Objectives

- 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
- Control the different hospital areas and units and their particularities in nursing care and attention
- Improve care for complex and chronic conditions by acquiring the necessary information on the interrelation and coordination with other health areas

The most comprehensive and specialized knowledge and hospital research and innovation are here"

Specific Objectives

- Generate a research culture among nursing professionals
- Value the importance of reflection on clinical practice and the search for answers through research
- Promote the generation and application of new scientific evidence oriented towards excellence in care, in a context of humanization of care and safe practices
- Enhance the training of professionals in their different fields of action through the acquisition of knowledge and skills in research in care
- Provide methodological tools to initiate research proposals
- Adopt knowledge that contributes to the development of evidence-based care protocols
- Convey the main resources and strategies for searching for scientific evidence
- Promote the acquisition of skills in evidence-based practice
- Generate a culture of scientific dissemination
- Promote multidisciplinary teamwork and institutional synergies
- Transmit the existing resources to carry out research proposals in nursing
- Encourage reflection on the need to translate research results into practice

03

Course Management

With the enormous importance that health research and innovation has acquired, TECH has designed a Postgraduate Certificate that has the best teaching staff made up of active professionals, academics and researchers. Thus, the nurse will be able to learn directly and immediately the best scientific procedures for effective research in the hospital environment, responding to the demand for new professional profiles required by the current situation.

You will be accompanied by a teaching staff of high scientific level with whom you will be able to deepen your knowledge of the latest techniques in this area"

Management

Ms. Santano Magariño, Almudena

- Nursing Director. Puerta de Hierro Hospital. Madrid
- Assistant Director of Nursing. Gregorio Marañón Hospital. Madrid
- Head of Nursing Department. Department of Emergencies and Critical Care. Gregorio Marañón Hospital. Madrid
- Head of Department. Department of Emergencies and Critical Care. Gregorio Marañón General University Hospital, Madrid
- Associate Professor in Nursing. Complutense University of Madrid. Madrid
- Degree in Nursing. Complutense University of Madrid
- Diploma in Nursing. Salus Infirmorum University, Pontificia University of Salamanca.
- Degree in Social and Cultural Anthropology. San Antonio Catholic University Murcia
- Master's Degree in Health Humanization European University of Madrid
- Master's Degree in Health Management and Planning for Health Managers. European University of Madrid
- Master's Degree in Health Services Management and Administration. Center for Management Studies. Complutense University of Madrid
- Master's Degree in Health Care, Management and Care. Santiago de Compostela University La Coruña

Professors

Mr. Sánchez Herrero, Héctor

- Research Nurse Health Care Research Unit. Puerta de Hierro University Hospital.
- Coordinator of the Mentoring Group of the Spanish Society of Epidemiology.
- Vice-president of the Spanish Group of Young Epidemiologists.
- Degree in Nursing from the University of Salamanca
- Master's Degree in Public Health from the National School of Health, Carlos III Institute of Health

Ms. Solis Muñoz, Montserrat

- Head of the Health Care Research Unit, Nursing Area, Puerta de Hierro Majadahonda University Hospital.
- PhD from the Complutense University (Madrid.)
- Head of the Nursing and Health Care Research Group of the Puerta de Hierro-Segovia de Arana Health Research Institute (IDIPHISA).
- Project evaluator for various national (ANEP) and regional evaluation agencies.
- Codirector of the Nursing Goals Journal.

04
Structure and Content

This Postgraduate Certificate in Research and Innovation in Nursing in the Hospital Setting is structured in 1 specialized module, divided into 10 topics, and will allow the professional to know in depth issues such as the scientific-technical writing of a research protocol, the preparation of documents for approval by the clinical research ethics committee (CEIC) or the drug (CEIM), descriptive and inferential statistics or the development of clinical protocols based on evidence and its implementation in clinical practice, among others.

The most innovative contents in health research are in this program"

Module 1. Nursing Research and Innovation in the Hospital Setting

1.1. Nursing Research
    1.1.1. Research Leadership
1.2. Evidence-Based Nursing
    1.2.1. Clinical Implications and Benefits of Applying Evidence to Care in the Hospital Setting
    1.2.2. Evidence-Based Practice Skills of Nurses
1.3. Search for Scientific Evidence
    1.3.1. The Design of Search Strategies
    1.3.2. Resources and Sources of Information
1.4. From the Research Question to the Development of a Research Protocol
    1.4.1. Research Question
    1.4.2. Scientific-Technical Drafting of a Research Protocol
    1.4.3. Preparation of Documents for Approval by the Clinical Research Ethics Committee (CEIC) or Medicines Ethics Committee (CEIM)
    1.4.4. Relevance of the CV of the Main Researcher and the Research Team
1.5. Methodological Designs
    1.5.1. Epidemiological Research
    1.5.2. Qualitative Research
    1.5.3. Mixed Methods
    1.5.4. Design and Validation of Instruments
1.6. Critical Reading of Scientific Articles
    1.6.1. Critical Reading of Scientific Articles
    1.6.2. Quality of Evidence Assessment
1.7. Statistics Applied to Nursing Research
    1.7.1. Descriptive and Inferential Statistics
    1.7.2. Preparation of Tables, Figures and Graphs
    1.7.3. Interpretation of the Results of a Scientific Article
1.8. The Development of Evidence-Based Protocols and their Implementation
    1.8.1. The Development of Evidence-Based Clinical Protocols and their Implementation in Clinical Practice
    1.8.2. Research Contributions to the Humanization of Care
1.9. Scientific Writing and Dissemination in Different Media
    1.9.1. Scientific Publications and Strategies for Deciding Where to Publish
    1.9.2. Other Considerations for the Different Scientific Dissemination Media
1.10. Opportunities and Resources for Development of Studies and Research
    1.10.1. Support Units and Health Research Institutes
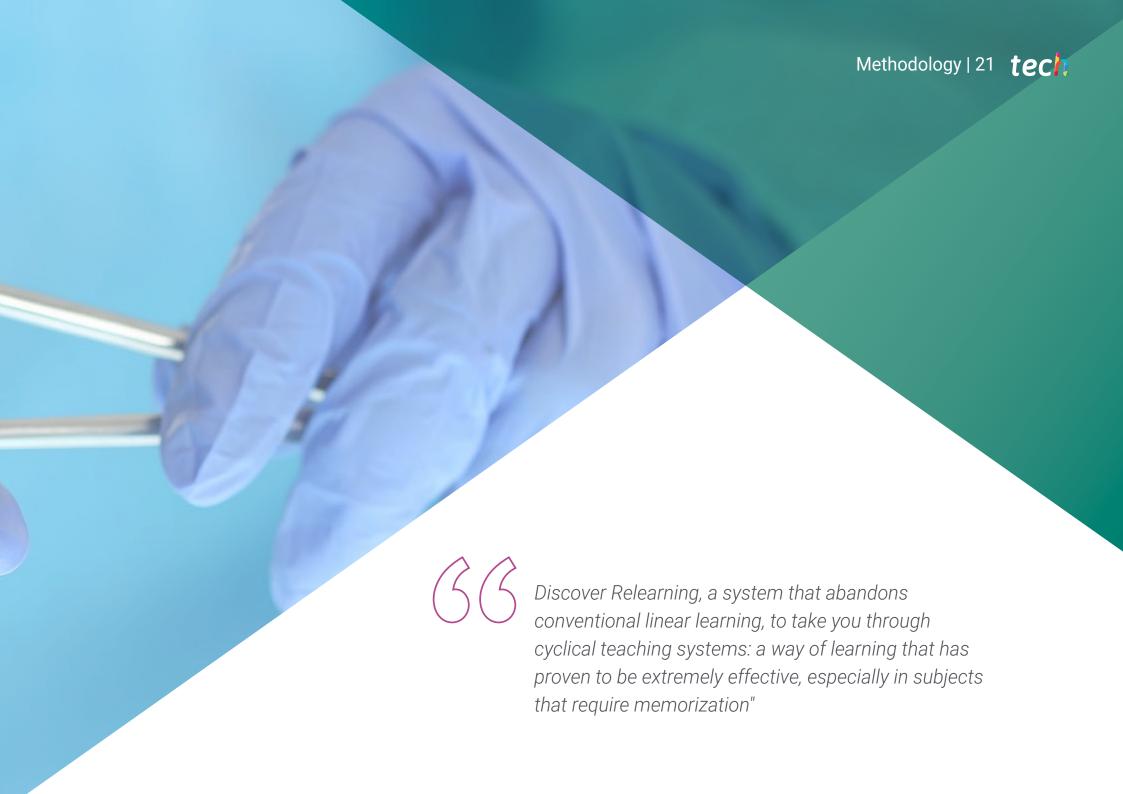   1.10.2. Center's Own Resources and External Funding Possibilities

This Postgraduate Certificate will allow you to carry out scientific research in the health field from the first step, posing the research question, to the last, with its publication and dissemination"

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.
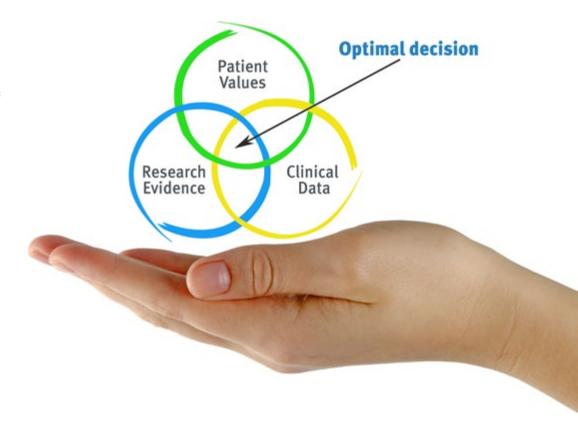
Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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.

"

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

20%

17%

7%

3%

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 Research and Innovation in Nursing in the Hospital Setting 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 Research and Innovation in Nursing in the Hospital Setting** 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 Research and Innovation in Nursing in the Hospital Setting**

Official N° of Hours: **150 h.**

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Awards the following
CERTIFICATE
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE
in
Research and Innovation in Nursing in the Hospital Setting

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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