Postgraduate Certificate
Safety in Health Care Organizations for Nursing

tech technological university

Postgraduate Certificate
Safety in Health Care Organizations for Nursing

- » 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/safety-health-care-organizations-nursing**

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01
Introduction

A report by the Organisation for Economic Co-operation and Development (OECD) indicates that around 10% of patients in countries experience some form of harm in healthcare, with healthcare-associated infection being one of the most common problems. Due to the importance of training and updating healthcare professionals in patient safety to improve the quality of care and reduce the risk of harm to patients, TECH has designed a program aimed at providing the most recent advances in essential safety principles and practices in healthcare institutions. This program is delivered 100% online and uses the Relearning methodology, which promotes flexible and dynamic learning.

A Postgraduate Certificate that will put you at the forefront of the most advanced techniques and models in risk management in healthcare organizations"

In the healthcare setting, patient safety is a fundamental aspect that cannot be overlooked. Healthcare professionals have a direct responsibility in preventing adverse events and promoting safe practices in the clinical setting. Over the years, it has become evident that constant updating in patient safety can be a contributing factor in the prevention of adverse events, such as medication errors, nosocomial infections or problems in the surgical setting.

In this sense, the Postgraduate Certificate in Safety in Health Care Organizations for Nursing designed by TECH, is presented as an opportunity for nursing professionals to deepen in the latest advances in this area to develop in an efficient and safe way in their daily work. This program addresses relevant topics such as the training of healthcare personnel in patient safety, environmental safety in healthcare centers, occupational risk prevention and research and innovation in patient safety, among others.

This program aims to provide the necessary tools to ensure patient safety and improve the quality of health care. During this academic process, students will master the safety structure in healthcare facilities, information security and occupational risk prevention, among other relevant topics.

Delivered through a 100% online format, this Postgraduate Certificate allows students to access the academic content and resources from anywhere and at any time. In addition, it is based on the Relearningpedagogical methodology, which promotes continuous learning and constant updating of knowledge. Finally, it offers flexibility to organize the academic resources, allowing you to adapt the study to your needs and time availability.

This **Postgraduate Certificate in Safety in Health Care Organizations for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in Nursing and Healthcare Security
- 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
- 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

A program designed in detail for you, with a complete multimedia material developed with the latest postulates in health safety"

With this program you will master the most advanced techniques to perform cost-effectiveness analysis of patient safety and optimize investment in the prevention of adverse events"

You will be efficiently updated with real cases, simulations and constant reiteration of the information, thanks to the pedagogical methodology of TECH Relearning.

You will master the most sophisticated tools for the quantification of costs related to medication errors, nosocomial infections and surgical patient errors.

The program's teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will provide the professionals with situated and contextual learning, i.e., a simulated environment that will provide an immersive education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professionals must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned experts.

Objectives

The purpose of this Postgraduate Certificate is to provide an update on the measures to be implemented in the field of patient and health personnel safety and the promotion of health competencies in the face of the various risk situations that may arise. All this, in only 150 hours and with an exhaustive syllabus based on the latest scientific evidence in this field. A unique opportunity for updating that you will find only with TECH.

Delve into the latest techniques for addressing occupational stress, mobbing and burnout in the health sector and improve the welfare of health professionals"

General Objectives

- Identify situations and risk factors in the pediatric patient
- Determine the main preventive measures implemented in pediatric patient safety
- Justify the importance and guidelines of surgical safety in the public health setting by defining a minimum set of measures
- Promote safe working environments for patients and professionals
- Promote research, innovation and training in patient safety
- Analyze the management of adverse events and their improvement plans to avoid them
- Deepen in the concepts, methods and strategies for the improvement of patient safety in healthcare institutions
- Analyze patient safety strategies approached from different healthcare areas

Specific Objectives

* Identify security risks in health information management
* Analyze the different organizational structures to promote patient safety
* Implement new, more attractive and modern security training methodologies
* Assess the impact of safety in terms of efficiency
* Detect the key aspects to be monitored for a safe control of the facilities
* Promote knowledge of environmental safety in the healthcare environment
* Position the patient as a key element in patient safety

Acquire new competencies in all areas related to patient safety, from anywhere and at any time"

03

Course Management

TECH has selected an excellent faculty for this program, made up of professionals from the health sector and occupational risk prevention who, based on their extensive experience, have developed a syllabus of the highest quality. Through diverse content developed with the latest online teaching technology, students will delve into the most recent advances in patient and healthcare worker safety models, addressing topics such as environmental biosafety monitoring and control, occupational pathologies, and the costs related to errors in patient care.

Triumphs in the hands of professionals highly trained in ICT tools and emerging trends that enhance learning in patient safety"

Management

Dr. Paredes Esteban, Rosa María

- Head of Service and Director of the Pediatric Surgery Clinical Management Unit of the Reina Sofia Hospital
- Specialist in Pediatric Surgery Reina Sofia Hospital
- Specialist in Pediatric Surgery at the Medical-Surgical Hospital of Jaén
- Responsible for Pediatric Surgery training at the Reina Sofia Hospital
- President of the Spanish Society of Pediatric Surgery
- Coordinator of the Bioethics Commission of the Spanish Society of Pediatric Surgery
- Coordinator of the Vascular Anomalies Committee of the University Hospital Reina Sofía
- Coordinator of the Living Donor Transplant Commission (Renal and Hepatic) of Córdoba
- PhD in Medicine and Surgery from the University of Granada
- Degree in Medicine and Surgery from the University of Granada
- Member of: European Society of Pediatric Endoscopic Surgery, Spanish Society of Pediatric Surgery, Editorial Committee of the journal of the Spanish Society of Pediatric Surgery, Scientific Evaluation Committee of the Spanish Society of Pediatric Surgery

Professors

D. Salmoral Almagro, Francisco

- Senior Technician from Occupational Risk Prevention
- Integrated Quality Systems Technician
- Environmental Management Systems Higher Technician
- Indoor Environmental Quality Technician
- Industrial Technical Engineer specialized in Electricity, University of Cordoba

D. Ruz López, Antonio Jesús

- Industrial Technical Engineer (specializing in Electricity) from the Polytechnic School of the University of Cordoba
- Postgraduate Course in Explosive Atmospheres from the Polytechnic University of Madrid
- Prevention of Occupational Risks Specialty Occupational Safety. Esculapio Foundation

Dr. Rumbao Aguirre, José Manuel
* Head of the Pediatrics Department of the Reina Sofía Hospital
* Director Medical Director of the Reina Sofia Hospital
* Deputy Director of Health Care in the Andalusian Health Service
* Manager of the Córdoba and Guadalquivir Health District
* Clinical Tutor of of Pediatrics at the Faculty of Medicine of Cordoba
* Pediatrics Resident Tutor at the Reina Sofia Hospital in Cordoba
* Masters Degree in Medical and Clinical Management
* Postgraduate Diploma in patient security
* Graduate in Medicine and Surgery, University of Cordoba

D. Toro Santiago, Joaquín
* Head of Service Integrated Training Unit at the Reina Sofia University Hospital in Cordoba
* Supervisor of Pediatric Surgery at the Pediatric Intensive Care Unit and Pediatric Emergency Department of the Reina Sofía University Hospital
* Pediatric Nursing Teaching Unit Coordinator
* Associate Professor at the University of Cordoba
* Lecturer of the Master in Nursing Care of the Hospitalized Patient at the University of Barcelona
* University Diploma in Nursing from the University of Cordoba
* Pediatric Nurse Specialist

Dr. Ferrer Higueras, María José
* Medical Director of the North Health Management Area of Cordoba
* Deputy Medical Director of the Reina Sofia University Hospital of Cordoba
* Specialist in Intensive Care Medicine at the University Hospital Reina Sofía of Córdoba
* Instructor of Basic and Advanced Cardiopulmonary Resuscitation (CPR) by the European Resuscitation Council (ERC)
* Teacher in the Diploma of Specialization in Quality and Patient Safety in Health Institutions, taught by the Andalusian School of Public Health (EASP)
* Master's Degree in Health Sustainability through Innovative Resource Management from the University of Valencia
* Degree in Medicine from the University of Córdoba
* Specialization Diploma in Quality and Patient Safety in Health Institutions from the University of Granada
* Diploma of Specialization in Bioethics from the University of Granada
* Specialization Diploma in Management Development in the Health Sector from the International University of Andalusia
* Certificate of Advanced Studies in the program "Advances in Medical-Surgical Specialties" by the Department of Medical-Surgical Specialties of the University of Cordoba

Dr. Delgado Osuna , José Antonio

- Deputy Provincial Director of Information Systems and Technologies in the province of Cordoba in the Andalusian Health Service
- Lecturer in courses at the Andalusian Health Service, in the Osuna Health Management Area
- Doctorate in Computer Engineering from the University of Cordoba
- Master's Degree in *Computing* and Intelligent Systems from the University of Granada
- Computer Engineer from the University of Granada
- Technical in Computer Engineer

Dr. Ordóñez Díaz, María Dolores

- Pediatrician in the Neonatology Unit of the Reina Sofia University Hospital in Cordoba
- Member of the Quality Commission of the University Hospital of Cordoba
- Training activities related to Patient Safety for Healthcare Professionals
- PhD in Biomedicine from the University of Córdoba
- Degree in Medicine and Surgery from the University of Cordoba

Dr. García Martínez, Elena

- Deputy Medical Director of the Reina Sofia University Hospital
- Collaborating Professor in the Master of Nutrition and Metabolism at the University of Cordoba
- Specialist in Pediatrics and specific areas
- President of the Scientific Committee of the XXV Congress Spanish Society of Emergency Medicine (SADECA)
- Doctor from the University of Cordoba
- Degree in Medicine and Specialist

Ms. López Cabrera, Estefanía

- Supervisor of Preventive Medicine and Public Health at the Reina Sofia University Hospital in Cordoba
- Occupational Nurse Specialist at the Occupational Health Unit of the Reina Sofía University Hospital in Córdoba
- Lecturer in the area of Preventive Medicine and Public Health at the Reina Sofía University Hospital in Córdoba
- Collaborating Professor, Department of Preventive Medicine and Public Health, University of Córdoba
- Master's Degree Official in Occupational Risk Prevention from the University of Cordoba
- Master's Degree in Occupational Health in the Health Care Environment by the European University Miguel de Cervantes
- Master's Degree in Pharmacotherapy for Nursing from the University of Valencia
- Master's Degree in Health Management from the University Isabel I of Burgos
- Diploma in Nursing from the University of Cordoba

Structure and Content

This Postgraduate Certificate has an updated and highly competitive syllabus in the field of safety in healthcare environments. Through an extensive library of multimedia resources such as video summaries, specialized forums and analysis of real cases, the student will be updated on the different international safety models, new emerging trends in Continuing Education, occupational risk prevention measures in health organizations, among others. Also, this TECH program is characterized by the use of the Relearningmethodology, with which students will study continuously and dosed during the 150 hours, through any device with Internet connection.
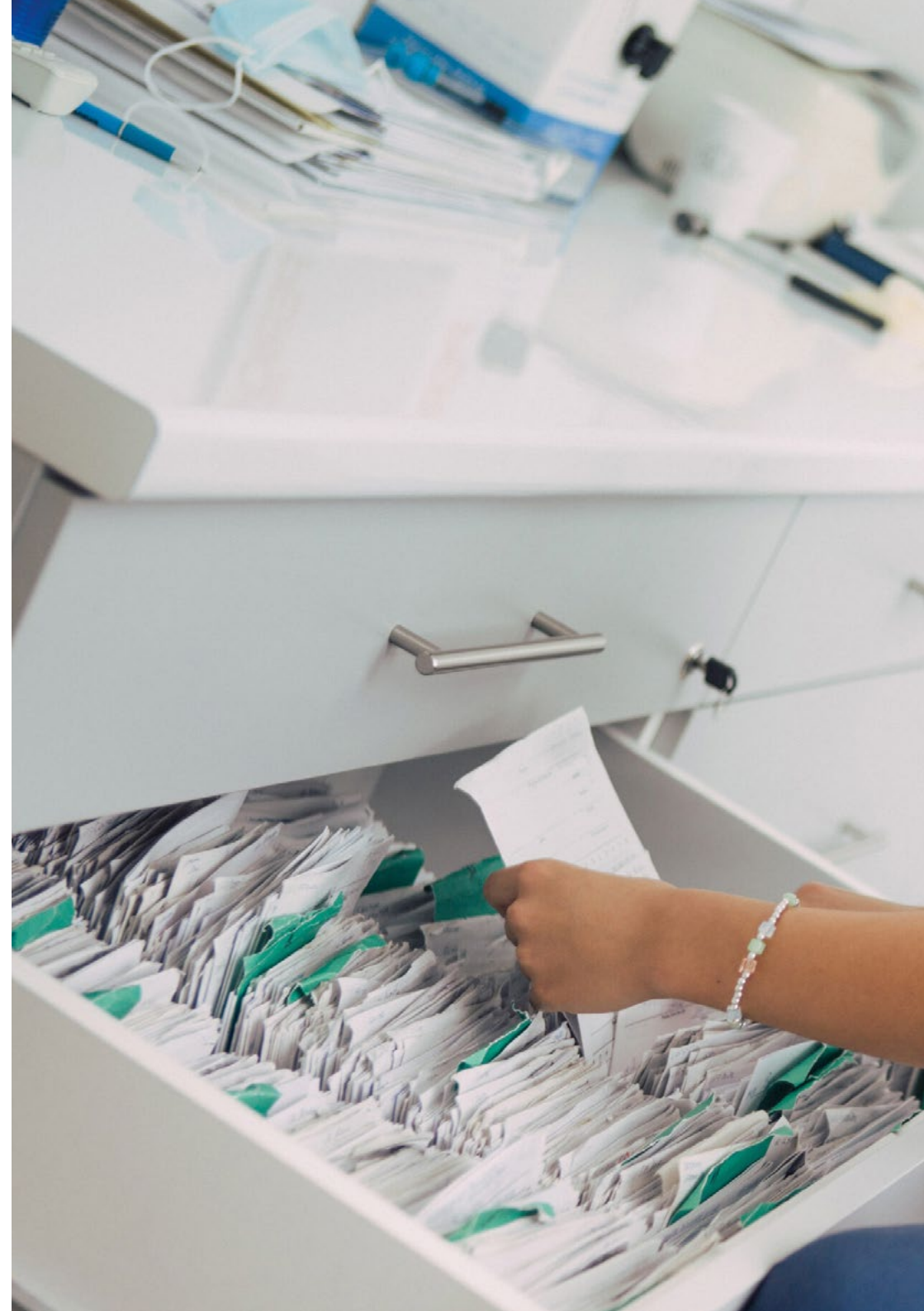
You will obtain the most updated and practical vision on the fundamental aspects of health information security and patient data protection"

Module 1. Organizational Safety

1.1.   Patient Safety in Organizations
    1.1.1.   Fundamentals of Patient Safety
    1.1.2.   Patient Safety Historical Evolution
    1.1.3.   International patient safety models

1.2.   Patient Safety Structure in Healthcare Facilities
    1.2.1.   Patient Safety in the Management Teams
    1.2.2.   Patient Safety Organizational Chart in Healthcare Facilities
    1.2.3.   Involvement of the Professionals in Patient Safety

1.3.   Patient Safety Training for Professionals
    1.3.1.   Patient Safety Training of the Health Care Professional
    1.3.2.   Effective pedagogical techniques in continuing education for health professionals
    1.3.3.   ICT tools to support Continuing Education
    1.3.4.   New emerging trends in Continuing Education
        1.3.4.1. Clinical simulation in virtual environments
        1.3.4.2. Gamification

1.4.   Information Security
    1.4.1.   International legal framework for information security
    1.4.2.   Fundamental aspects of health information security
    1.4.3.   Security risk analysis in health information management

1.5.   Research and innovation in patient safety
    1.5.1.   Importance of safety in the field of research and innovation
    1.5.2.   Ethical considerations in research
    1.5.3.   Current status of patient safety research

1.6.   Active Involvement of Patients and the Public in Patient Safety
    1.6.1.   Informing patients and citizens about the safety of their health care
    1.6.2.   Actions to raise awareness and educate patients and citizens on risk prevention in the healthcare system
    1.6.3.   Resources to promote the active participation of patients in their safety

You will be able to access the content with total freedom, 24 hours a day, setting your own pace of study and without limitations"

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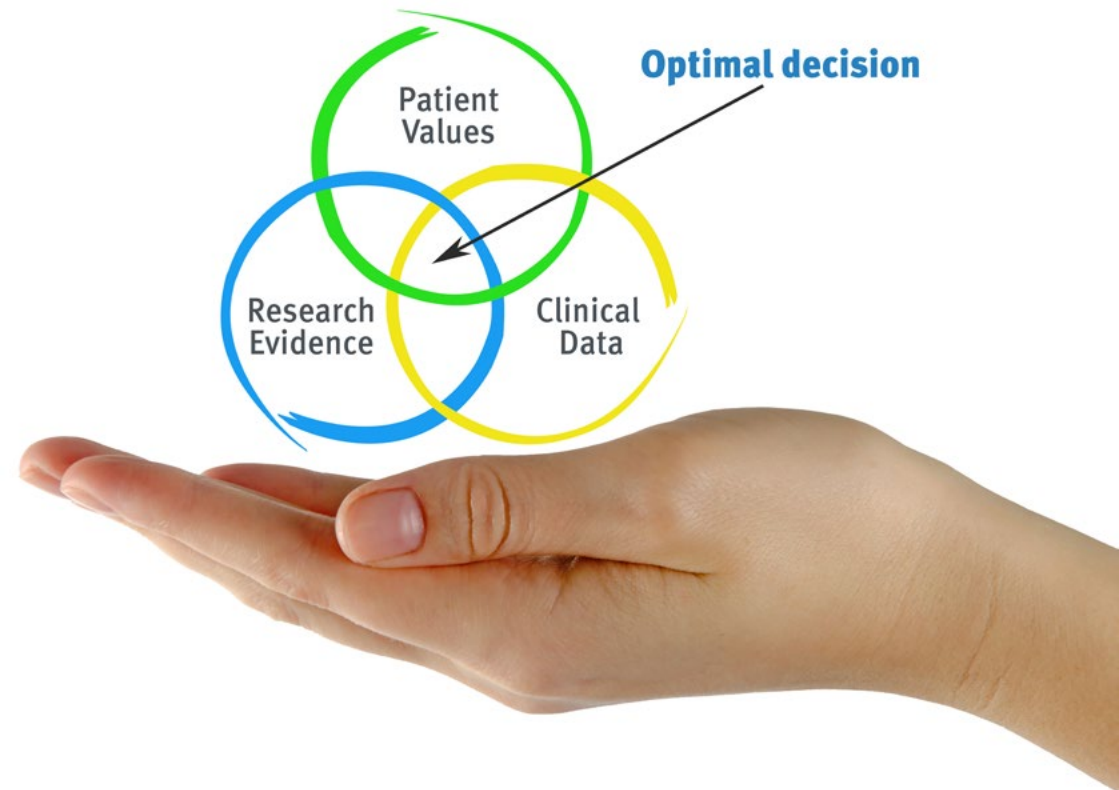
Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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%

3%

7%

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 Safety in Health Care Organizations for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Postgraduate Certificate in Safety in Health Care Organizations for Nursing** 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 Safety in Health Care Organizations for Nursing**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following
CERTIFICATE
to

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

POSTGRADUATE CERTIFICATE
in

Health Care Organizations for Nursing

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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