Postgraduate Certificate
Digital Nursing in Primary Care

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Postgraduate Certificate
Digital Nursing in Primary Care

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

Website: **www.techtitute.com/us/nursing/postgraduate-certificate/digital-nursing-primary-care**

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01

Introduction

In response to staff shortages in primary care systems, support for Digital Nursing has grown. Through it, it is possible to optimize care, provide personalized follow-up and shorten waiting times in health units. To carry out these tasks with excellence, professionals in the sector must keep up to date with the most advanced potential of ICT. For this reason, TECH has developed this 100% online program that will allow students to be updated on the use of Artificial Intelligence, Robotics, Telemedicine and *Big Data* in the most recent trends in nursing practice. In addition, the program offers total flexibility for access to its contents, since it is not required to comply with a specific schedule.

Thanks to this Postgraduate Certificate you will update your competences in E-Health and the digitalization of health in Primary Care"

Most primary care systems face a serious shortage of personnel, which in many cases leads to long waiting times in therapeutic units and inadequate patient monitoring. In this scenario, the digitalization of the processes carried out by the nursing staff has become a solution with multiple and variable potentialities. However, in order to apply the latest innovations in the inclusion of ICT in healthcare protocols, a very high level of specialization is required.

Thus, TECH has developed a Postgraduate Certificate that offers an intensive update on the most relevant concepts and digital tools for the practice of Primary Care Nursing. Specifically, students will delve into the characteristics and operation of the electronic medical record. At the same time, they will address the intelligent management of medications through *smarts* technologies and various virtual assistants. Through the analysis of these contents, graduates will be able to develop updated competencies according to the most recent scientific criteria and will be able to handle the latest technological advances effectively in their daily practice.

Furthermore, the degree has a 100% online format and is taught through the disruptive methodology of *Relearning*. Through it, graduates will be able to efficiently consolidate the most important concepts in a short period of time. In addition, the program is supported by multimedia resources of great didactic value, including videos, interactive summaries and infographics. These materials will be available at any time and place, and the nurses will be able to access them through the Internet connection device of their choice.

This **Postgraduate Certificate in Digital Nursing in Primary Care** 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 Primary Care Nursing
- 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

Through this program, you will examine how healthcare data mining techniques using Big Data facilitate the planning and organization of care in Primary Care systems"

With this program, you will delve into the changes generated by digitization in primary care systems and in nursing practice.

" *You will delve into the ability of the electronic health record to manage patient follow-up from different geographical locations. An advantage that optimizes in a comprehensive way the Nursing practice"*

Throughout this Postgraduate Certificate, you will handle the latest technologies related to Telemedicine and you will incorporate their use in your daily professional practice as a nurse.
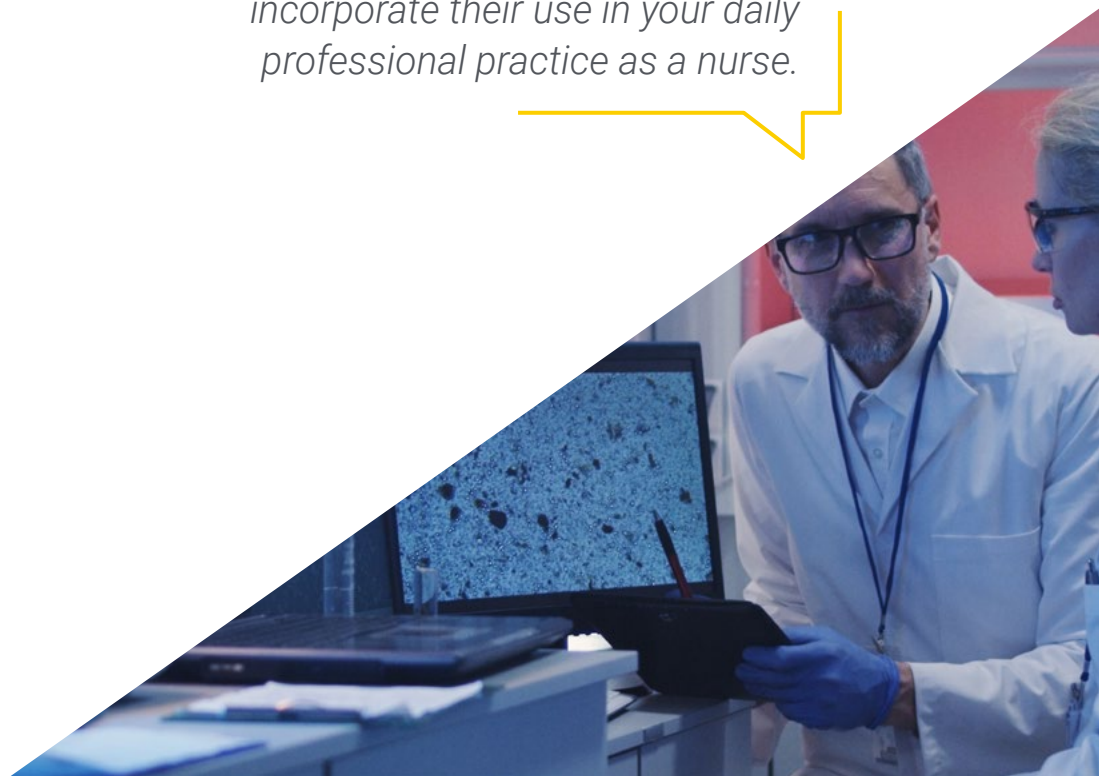
The program's teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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.
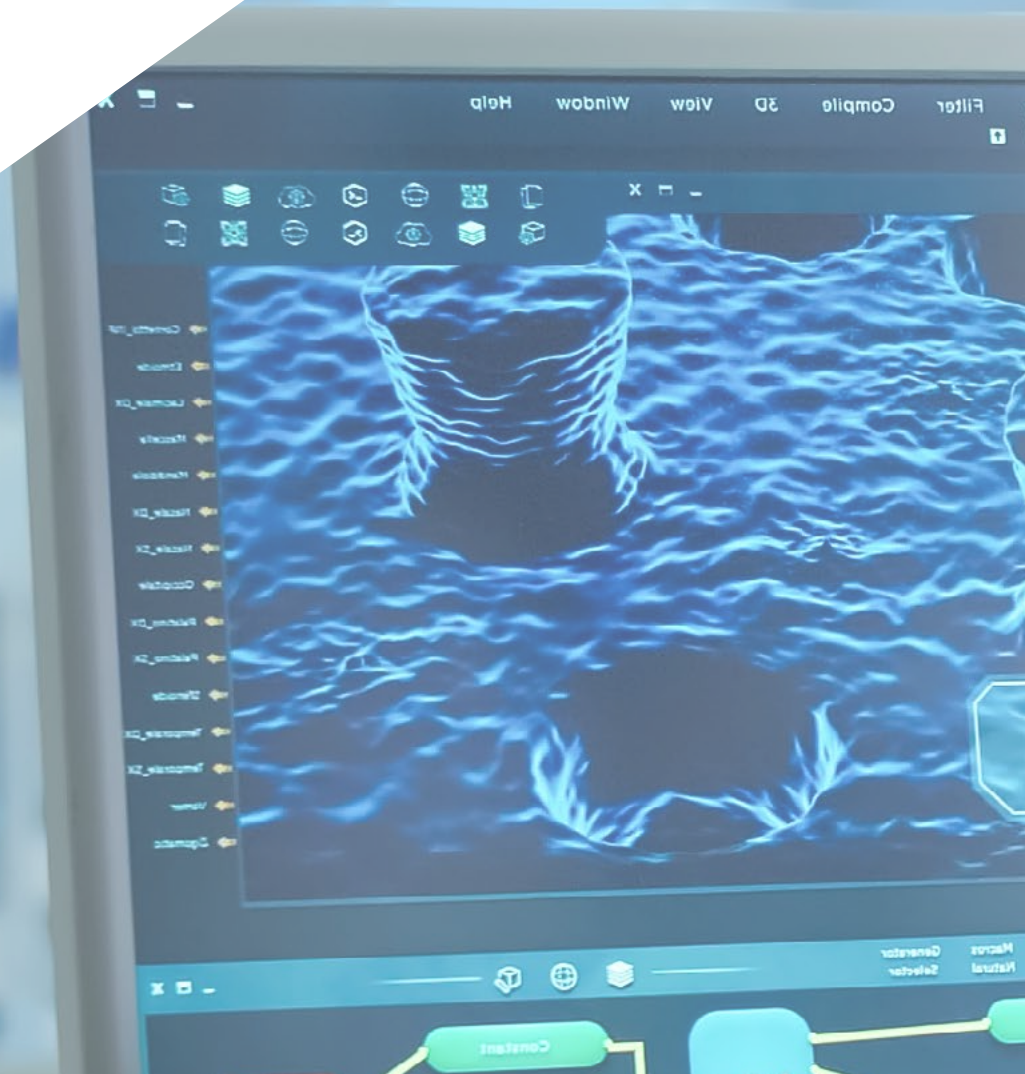
02
Objectives

The main objective of this program is to provide nurses with the appropriate skills to incorporate digital technologies in their professional practice within primary care systems. Graduates of the program will develop the theoretical and practical skills needed to manage innovative tools such as electronic medical records, Artificial Intelligence or *Big Data* to provide excellent care to patients. All this supported by the *Relearning* methodology, 100% online and focused on students to strengthen their skills in the fastest and most flexible way.

Thanks to TECH Technological University, you will be updated on how Artificial Intelligence and its most advanced applications help nurses in the remote monitoring of patients"

General Objectives

- Develop knowledge about the aspects of care in Primary Care, both for individuals, families and groups and the interactions that occur between them

- Broaden the professional domains of Primary Care Nursing and acquire knowledge for greater visibility, prestige, and a higher level of job autonomy

- Actively participate in the community in terms of community health programs

- Keep abreast of advanced practice trends in primary care nursing

- Promote best practices, based on scientific evidence, in response to advances in treatment research and technology

Specific Objectives

- Address the impact of digitalization in Primary Care from the point of view of improving access, quality of care, efficiency, equity, safety and sustainability of the system

- Value and analyze ICTs as facilitators of the development of the healthcare of the future, helping to implement new management and care models

- Promote the use of Artificial Intelligence (AI) tools and ensure their use to improve the quality of care and even to improve diagnostic capacity

- Evaluate the impact of TeleNursing to improve patient care and decrease its disruption in daily life by avoiding unnecessary patient trips to the health center

The main objective of this program is to update your skills and to enable you to practice as a nurse by applying the latest E-Health resources"

03

Course Management

The program has a team of faculty members chosen for their extensive background and expertise in primary care nursing. Each faculty member has significant professional experience and has demonstrated excellence in patient care in this setting. In addition, their clinical work allows them to provide a practical and up-to-date perspective. Therefore, the nurse can be confident of receiving the highest level and quality of training.

"*A teaching staff composed of leading experts in Primary Care Nursing will be at your disposal during the development of this very complete Postgraduate Certificate*"

Management

Dr. Sánchez Castro, Juan José Augusto

- Head of Primary Care Service at A Estrada Health Center
- Specialist in Family and Community Medicine in the Galician Health Service
- Executive Director of Infomercados Financial Services
- Master's Degree in Business Valuation from Center for Financial Studies (CEF)
- Diploma in Health by the Ministry of Health and Consumption
- Degree in Medicine and Surgery from the University of Santiago de Compostela

Professors

Ms. Cobas Couto, Elvira

- Community Care Nurse Specialist
- Entrepreneurship consultant and coach
- Lecturer at the University of A Coruña
- Professional Master's Degree in Community Nursing from the University of A Coruña
- Professional Master's Degree in Research Methods in Health Sciences, University of Alcalá
- Degree in Nursing from the José Timoteo Montalvao Machado de Chaves School of Nursing

D. Negreira Rodríguez, Samuel

- Nurse Specialist with Human Resources orientation
- Occupational Nurse at Previlabor
- Company Nurse at NEXGRUP S.A
- Nurse Assistant at Surgical Hospital Model of A Coruña
- Nurse Assistant at CUF Infante Santo Hospital of Lisboa
- Nurse Assistant at the Arquitecto Marcide Hospital Complex
- Master's Degree in Occupational Risk Prevention from the University of A Coruña
- Specialization in Occupational Safety, Hygiene, Ergonomics and Applied Psychosociology, European University Miguel de Cervantes
- Expert in management of technical guides of the "Healthy Company" and "Prevention Management OHSAS 18001" seals
- Degree in Nursing in A Coruña University

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Structure and Content

The Digital Nursing in Primary Care program offers cutting-edge content that covers the most innovative concepts in this field. In this sense, nurses will have the opportunity to update themselves in the digitization of health and healthcare companies, Telemedicine and the implementation of intelligent health centers. In addition, it will delve into topics such as *Chatbots* and virtual assistants in healthcare, as well as healthcare Robotics. These materials are presented through various multimedia resources, including video summaries, which will be available in a virtual library with no access restrictions.
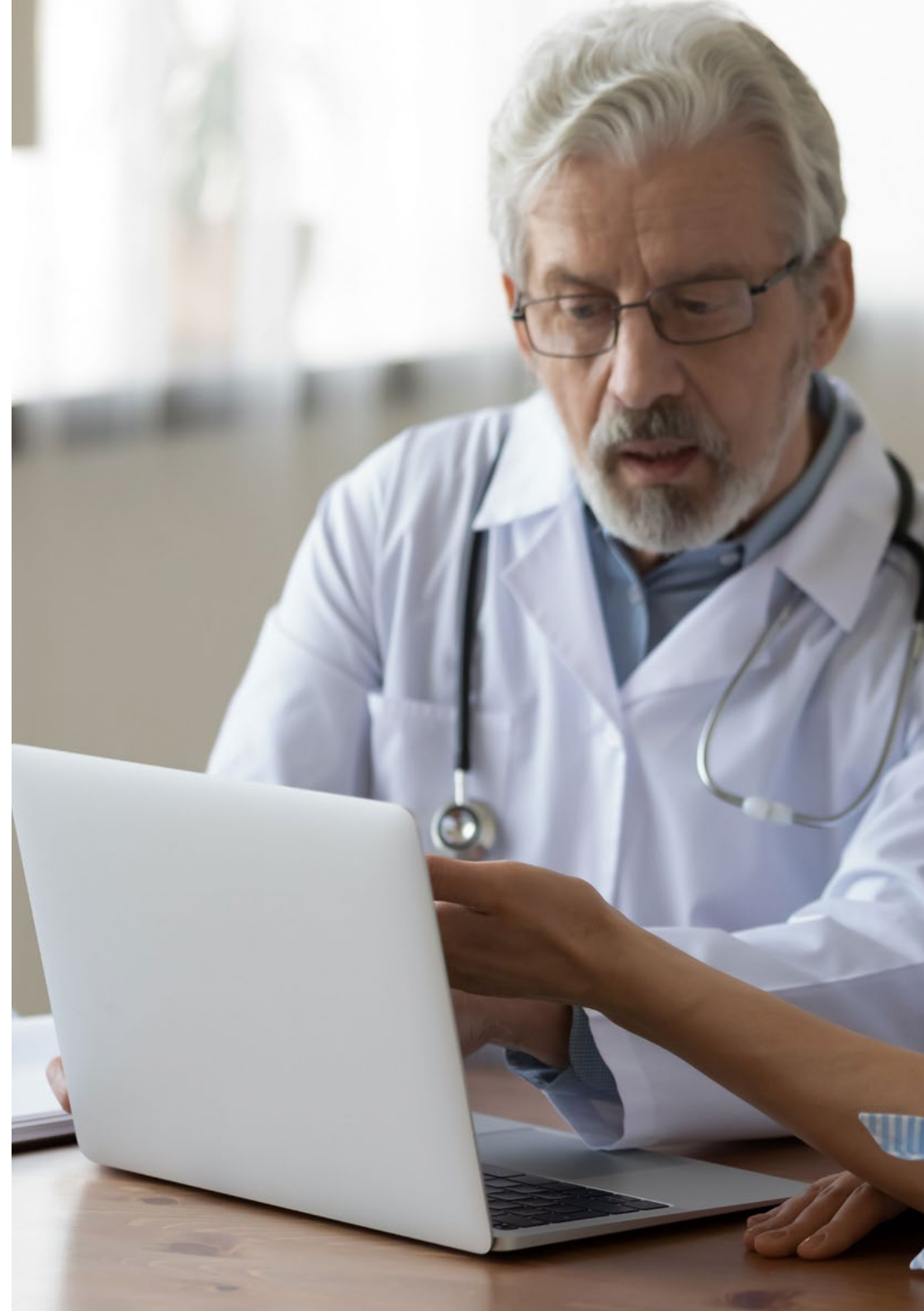
With the Relearning method you will quickly and flexibly consolidate all the competencies offered by this Nursing program of TECH Technological University"

Module 1. Advances in the Digital Health System

1.1.   Digital Health

    1.1.1.   e-Health

    1.1.2.   The digitization of healthcare and healthcare companies

    1.1.3.   Digitization of Primary Care

    1.1.4.   Electronic Medical Records

    1.1.5.   Big Data in Health

1.2.   Telemedicine and Telehealth

    1.2.1.   Telemedicine

    1.2.2.   Technological Advances in Telemedicine

    1.2.3.   Advantages and challenges and applications of Telemedicine

    1.2.4.   The challenge of caring in a technified scenario

1.3.   Computer applications at the service of caregiving

    1.3.1.   Computer applications at the service of caregiving

    1.3.2.   Alert and reminder systems

    1.3.3.   Remote Patient Monitoring

    1.3.4.   Implications for patient education and empowerment

1.4.   The internet of things in healthcare. Sensors and smart devices for PA use

    1.4.1.   Intelligent drug management

    1.4.2.   The IoT

    1.4.3.   Smart Health Centers

    1.4.4.   Sensors and smart devices for PA use

1.5.   Artificial Intelligence-based health care. Implications for PA Nursing professionals

    1.5.1.   Artificial Intelligence Assisted by health care

    1.5.2.   Predictive and preventive medicine

    1.5.3.   Chatbots and Virtual Assistants in health

    1.5.4.   Implications for PA Nursing professionals

1.6.   Robotics and PA Nursing

    1.6.1.   Concepts

    1.6.2.   Application

    1.6.3.   Advantages

    1.6.4.   Challenges

1.7.   New approaches to care delivery: value-based care and personalized care

"

Enroll now in this program and you will have at your disposal a 100% online and disruptive methodology with which you will master the most innovative practices of Digital Nursing in Primary Care"

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.

20%

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.

15%

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".

15%

3%

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%

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 Digital Nursing in Primary Care 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 Digital Nursing in Primary Care** 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 diploma 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 Digital Nursing in Primary Care**
Official Nº of hours: **150 h.**

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

POSTGRADUATE CERTIFICATE
in
Digital Nursing in Primary Care

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 diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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