

# Postgraduate Certificate

## Occupational Health and Safety Techniques for Nursing





## Postgraduate Certificate Occupational Health and Safety Techniques for Nursing

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Global University
- » Credits: 9 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/occupational-health-safety-techniques-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/occupational-health-safety-techniques-nursing)

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01

# Introduction

Mutual insurance companies and prevention societies were formed and structured throughout the 20th century, in response to the need for legal coverage of damages caused to workers during their working day. The first signs of prevention societies can be found as early as 1944, when occupational health and safety committees began to be organized.



EMERGENCY EVACUA



OCCUPATIONAL PLAN

“

*Take the opportunity to learn about the latest trends in Occupational Health and Safety Techniques for Nursing, and improve your nursing care dramatically”*

This Postgraduate Certificate offers the students the possibility of being introduced and perfected in the broad framework of Occupational Nursing, whose branches range from the promotion of worker's health, prevention of diseases and accidents at work. To the assistance of the injured worker with the monitoring of the process until the medical discharge or disability if the competent body deems it necessary.

All of this divided into detailed modules which will cover each field of nursing work within the field of occupational health.

Furthermore, it is a topic of study that despite the fact that care and observation are on the rise, the figures are increasingly prominent in common contingency sick leave, representing a high economic cost for society.

In the development of the program there will be an exhaustive review of the main concepts that revolve around mutual insurance companies and prevention societies and their main functions as private entities and collaborators of the Social Security. All this without losing sight of the nursing staff, who play a fundamental role in the workplace, since their function includes monitoring and understanding the contents of the data they handle and the results of the medical examinations carried out by the prevention and health surveillance companies.

The role of nursing staff is fundamental within the managing entities such as mutual insurance companies for accidents at work, in which they represent nursing care in all its essence, providing holistic care to injured workers, promoting the patient's well-being, covering their recovery needs and managing everything they require from the clinical point of view. All this from the beginning of the accident until the end of the process. This Postgraduate Certificate represents a complete vision of those aspects that give meaning to the relationship between our work life and our health in a 100% online training.

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

- ♦ Development of clinical cases presented by experts in the different areas of multidisciplinary knowledge. The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ News on Occupational Health and Safety Techniques for Nursing
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ With a special emphasis on evidence-based nursing and research methodologies in Occupational Health and Safety Techniques for Nursing
- ♦ All of this will be complemented by 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



*Update your knowledge through the Postgraduate Certificate in Occupational Health and Safety Techniques for Nursing"*

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*This program is the best investment you can make in the selection of a refresher program for two reasons: in addition to updating your knowledge in Occupational Health and Safety Techniques for Nursing, you will obtain a Postgraduate Certificate from TECH Global University ”*

It includes in its teaching staff health professionals belonging to the field of Occupational Health and Safety Techniques for Nursing, who pour into this training the experience of their work, in addition to recognized specialists belonging to scientific societies of reference.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professionals a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

This program is designed around Problem-Based Learning, whereby professionals must try to solve the different professional practice situations that arise during the academic year. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of nephrology with extensive teaching experience.

*Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate.*

*Don't miss the opportunity to update your knowledge in Occupational Health and Safety Techniques for Nursing to improve patient care.*



02

# Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nursing staff can master in a practical and rigorous way the study of Occupational Health and Safety Techniques for Nursing.







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*This refresher program will generate a sense of confidence when practising nursing, which will help you grow both personally and professionally”*



## General Objectives

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- Understand the concepts of health and the legislative framework that applies to occupational nursing
- Delve into the management system that plans the activity of nursing care
- Distinguish between the different occupational risk prevention techniques that are linked to prevention and health promotion in the workplace
- Distinguish between the pathologies of occupational origin and their management, as well as the different stages of occupational disability

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*This Postgraduate Certificate is the best way to learn about Occupational Health and Safety Techniques for Nursing and improve the care your patients need”*





## Specific Objectives

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- ◆ Define security and the safety techniques of the working environment
- ◆ Investigate, analyze and evaluate occupational accidents
- ◆ Apply occupational safety regulations
- ◆ Distinguish and guide collective and individual regulations
- ◆ Describe the emergency and self-protection plans
- ◆ Analyze and identify the specific risks
- ◆ Explain the process of manipulation and segregation of toxic and dangerous waste
- ◆ Explain road safety rules
- ◆ Define the concept and the objectives of industrial hygiene
- ◆ Distinguish between the different chemical agents and assess occupational toxicology
- ◆ Describe the effects, evaluation and control of chemical agents
- ◆ Explain physical agents and control and evaluation
- ◆ Explain the effects, evaluation and control of biological agents
- ◆ Explain the legal regulations that encompass ergonomics
- ◆ Define the concept and objective of ergonomics
- ◆ Define the main environmental conditions in ergonomics
- ◆ Define the concept and design of a job position
- ◆ Implement strategies to evaluate the mental and physical load of a job position
- ◆ Apply psychology in the field of prevention and its objectives
- ◆ Define the structure and factors of the psychosocial field
- ◆ Identify harmful psychosocial factors and assess them

03

# Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of occupational risk prevention techniques for nursing and who pour into this education the experience of their work, and who also participate in its design and development, recognized specialists members of national and international scientific societies of great prestige.



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*Learn from leading professionals, the latest advances in Occupational Health and Safety Techniques for Nursing”*

## Management



### Ms. Santos Posada, Araceli

- President of the Association of Occupational Nurse Specialists (AET)
- National Secretary of ICOH Spain (International Commission on Occupational Health)
- Lecturer at the National School of Occupational Medicine
- Degree in Nursing from the University of Salamanca
- Specialist in Occupational Nursing from the Complutense University of Madrid
- Diploma in Speech Therapy and Phoniatics
- Superior Technician in PRL (Safety)
- Dermo-aesthetic Nursing Expert

## Professors

### Ms. Chanca Díaz, Alicia

- ◆ Specialist in Occupational Nursing
- ◆ Regional health service coordinator of a private company
- ◆ Work and Organizational Psychology
- ◆ Work Nurse
- ◆ President of the Madrid Association of Occupational Nursing (AMET) and President of the National Association of Occupational Nursing Specialists (AET)
- ◆ Author of scientific publications and tutor of itineraries and monographs on occupational health for occupational nursing specialists carried out by FUDEN and endorsed by the University of Castilla la Mancha
- ◆ Graduate in Psychology from the National University of Distance Education (UNED)
- ◆ Qualification as Nurse Specialist in Occupational Nursing by the University of Salamanca
- ◆ Senior Technician in Occupational Risk Prevention with the specialties: Ergonomics and Applied Psychosociology, Safety and Industrial Hygiene by the School of Political Scientists and Sociologists
- ◆ Various complementary training courses in Occupational Health, Psychosocial Risks and Leadership and Management

### Ms. García Ramírez, Begoña

- ◆ Work Nurse
- ◆ Vice President of AMET (Association of Occupational Nursing Specialists)
- ◆ Nursing supervisor
- ◆ National Health System Nurse
- ◆ Degree in Nursing
- ◆ Specialist in Occupational Nursing from the National School of Occupational Medicine
- ◆ Advanced Technician in Occupational Risk Prevention, Occupational Safety, Industrial Hygiene, Ergonomics and applied psychosociology by the International School of Hospital Management
- ◆ Master's Degree in Nursing Management
- ◆ Master's Degree in Middle School and High School Teacher Training, Professional Training and Language Training
- ◆ Expert in sexuality and recognition of human fertility
- ◆ Postgraduate Diploma in School Nursing
- ◆ Postgraduate Diploma in Trainer of Trainers
- ◆ Active member of the Occupational Nursing Association

04

# Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of education in daily nursing practice, aware of the relevance of the current relevance of the preparation to be able to act before the pediatric patient with learning disabilities or mental disorders and committed to quality teaching through new educational technologies.





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*This Postgraduate Certificate in Occupational Health and Safety Techniques for Nursing , contains the most complete and up-to-date scientific program on the market”*

## Module 1. Occupational Health and Safety Techniques

- 1.1. Safety At Work
  - 1.1.1. Concept and Definition of Security/ Safety
  - 1.1.2. Safety Techniques
- 1.2. Research
  - 1.2.1. Analysis
  - 1.2.2. Accident Evaluation
  - 1.2.3. Role of the Nurse
- 1.3. Rules and Signs of Security
  - 1.3.1. Legal Regulation
  - 1.3.2. Signalling Systems
- 1.4. Collective and Individual Protection
  - 1.4.1. Collective Protection
  - 1.4.2. Individual Protection Equipment
  - 1.4.3. Regulations
- 1.5. Emergency Planning and Self-Protection
  - 1.5.1. Self-Protection Plans
  - 1.5.2. Emergency Planning
  - 1.5.3. Emergency Drills
  - 1.5.4. Individuals Responsible for Implementing the Plan
- 1.6. Analysis, Assessment and Specific Risk Control
  - 1.6.1. Analysis
  - 1.6.2. Assessment
  - 1.6.3. Specific Risk Control
- 1.7. Toxic and Dangerous Waste
  - 1.7.1. Regulations for Toxic and Dangerous Waste
  - 1.7.2. Packaging, Labeling and Storage
  - 1.7.3. Classification of Waste
  - 1.7.4. Action Plan for a Spillage or Contamination
  - 1.7.5. Safety Recommendations



- 1.8. Road Safety
  - 1.8.1. Work Traffic Accident
  - 1.8.2. Precautions and Prevention Measures
  - 1.8.3. Regulations and Legislation
- 1.9. Industrial Hygiene
  - 1.9.1. Concepts and Objectives
  - 1.9.2. Action Protocol
- 1.10. Chemical Agents Occupational Toxicology
  - 1.10.1. Classification of Harmful Substances
  - 1.10.2. Absorption, Distribution, Accumulation, Biotransformation and Excretion of Harmful Substances
- 1.11. Chemical Agents
  - 1.11.1. Effects
  - 1.11.2. Assessment
  - 1.11.3. Control
- 1.12. Physical Agents
  - 1.12.1. Classification of Physical Effects Harmful for Occupational Health
  - 1.12.2. Effects
  - 1.12.3. Assessment
  - 1.12.4. Control
- 1.13. Biological Agents
  - 1.13.1. Classification of Biological Agents Harmful for Occupational Health
  - 1.13.2. Effects
  - 1.13.3. Assessment
  - 1.13.4. Control
- 1.14. Specific Legal Regulations
  - 1.14.1. Physical Agents
  - 1.14.2. Chemical Agents
  - 1.14.3. Biological Agents
- 1.15. Ergonomics
  - 1.15.1. Concepts and Objectives
  - 1.15.2. Environmental Conditions in Ergonomics
  - 1.15.3. Conception and Design of a Job Position
  - 1.15.4. Physical and Mental Load of the Job
- 1.16. Psychosociology Applied to Prevention
  - 1.16.1. Concepts and Objectives
  - 1.16.2. Factors of Psychosocial and Organizational Nature
  - 1.16.3. Consequences of the Harmful Psychosocial Factors and Their Assessment
  - 1.16.4. Psychosocial Intervention



*A unique, key, and decisive educational experience to boost your professional development”*

05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





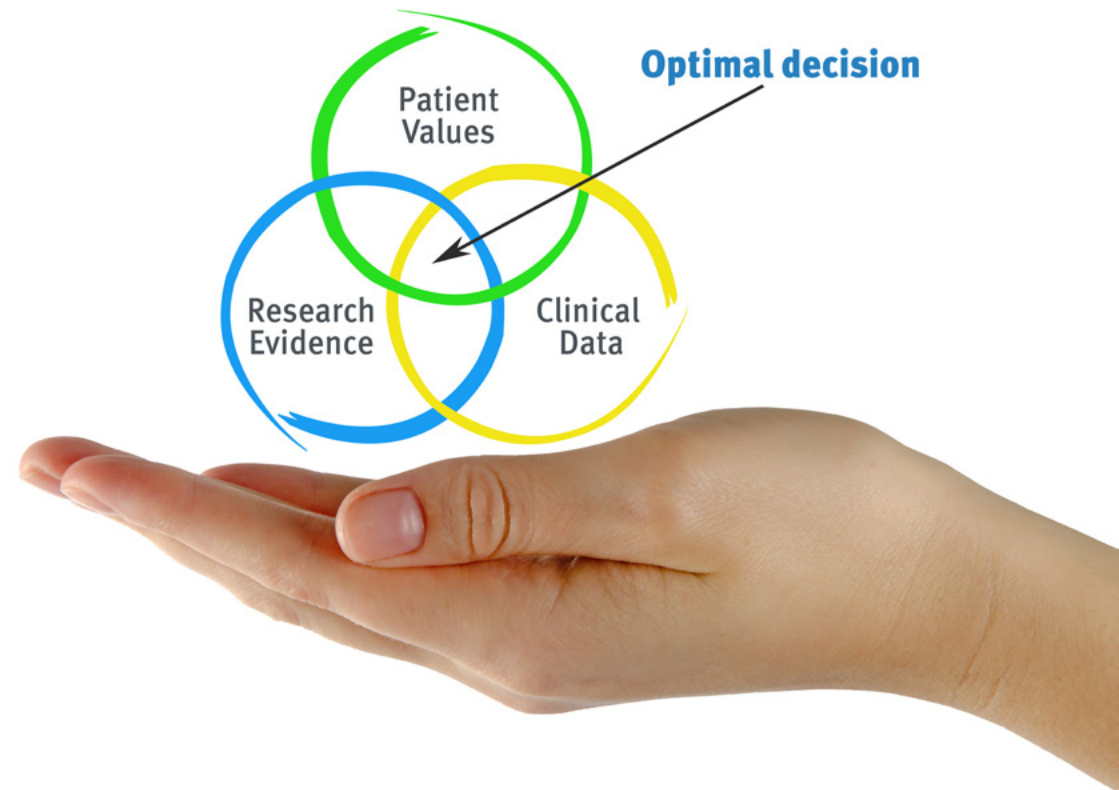
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

The effectiveness of the method is justified by four fundamental achievements:

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



*The nurse will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.  
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

# Certificate

The Postgraduate Certificate in Occupational Health and Safety Techniques for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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

This private qualification will allow you to obtain a **Postgraduate Certificate in Occupational Health and Safety Techniques for Nursing** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University** is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Occupational Health and Safety Techniques for Nursing**

Modality: **online**

Duration: **12 weeks**

Accreditation: **9 ECTS**





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