



Postgraduate Diploma

Emergencies in Natural Childbirth for Nursing

» Modality: online

» Duration: 6 monthst

» Certificate: TECH Global University

» Credits: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/nursing/postgraduate-diploma/postgraduate-diploma-emergencies-natural-childbirth-nursing

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Certificate

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01 Introduction

According to the WHO, around 15% of deliveries present complications, which can put the health of the mother and the newborn at risk. Therefore, it is essential that professionals are up to date with the latest techniques and strategies to address these emergencies. In this way, there is currently a significant increase in interventions in childbirth, leading to a demand for nurses with in-depth knowledge in advanced neonatal resuscitation. For this reason, TECH has launched a program in which the graduate will delve into the identification of risk factors, as well as in endotracheal intubation of the newborn. In addition, the program is developed in a 100% online format, which allows students to reconcile their personal and professional life.



tech 06 | Introduction

Many women are seeking a more natural approach to childbirth, which has led to an increase in interest in natural childbirth. This is because they want a more personalized birth experience that is less medicalized and more focused on them and their own needs. In this sense, an up-to-date nurse can help mothers have a more satisfying and positive birth experience by providing individualized care, respecting their decisions and offering alternatives to unnecessary medical interventions.

However, the reality is that there is a significant percentage of deliveries that present complications. And it is in these cases that a highly trained Emergency Nurse in Natural Childbirth can make the difference. In this way, they can provide fast and effective care in situations that require knowledge, immediacy and expertise. All this in order to prevent major complications and save lives, ensuring the best possible care for the mother and her newborn.

To address such urgent and delicate issues, TECH has created a program in which the nurse will delve into interventions and pain management, as well as emotional and psychological support for the patient suffering from a complicated delivery. They will also be able to assess the newborn and determine vital signs, identifying risk factors and detecting any anomalies in order to respond to them.

All this will be possible thanks to a program that is taught in a completely online mode, which allows the student to distribute the teaching load according to their needs. Likewise, the methodology in which it is taught, Relearning, is based on the repetition of fundamental concepts throughout the syllabus, so that the nurse will integrate the knowledge in a natural, efficient and progressive way, without the need to invest extra hours in memorization.

This **Postgraduate Diploma in Emergencies in Natural Childbirth for Nursing** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of practical cases presented by experts in Natural Childbirth
- 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
- 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



You will be able to access the virtual campus 24 hours a day without any type of restriction to consult and download the most cutting-edge materials on Emergencies in Natural Childbirth for Nursing"



Specialize in effective communication, active listening and empathy so that you can handle conflicts assertively and give the necessary support to a mother suffering from a complicated childbirth"

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 professional 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 professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

You will have access to the best content in multiple audiovisual formats that will reinforce your knowledge and increase your skills in your daily practice.

You will delve into medication administration, defibrillation and advanced neonatal resuscitation with this TECH program.







tech 10 | Objectives



General Objectives

- Acquire fundamental knowledge about the physiology of Natural Childbirth, ancestral cultural practices and the emotional needs of women during childbirth, as well as the implications of medical interventions
- Acquire essential skills and knowledge in the care of pregnant women and their fetuses, including the promotion of healthy pregnancies and the identification of possible complications
- Acquire fundamental knowledge and skills in the diagnosis, management and prevention of emergencies in childbirth, with a focus on interprofessional collaboration and advocacy for patients' rights
- Acquire fundamental knowledge and skills in the assessment, diagnosis, and management of neonatal emergencies, with a focus on early recognition of problems and application of appropriate interventions
- Acquire fundamental knowledge of the neuroscience of pregnancy, Maternity and perinatal care, as well as the scientific evidence related to Natural Childbirth and evidence-based care practices
- Acquire fundamental knowledge about home labor and birth, including team
 management and organization, preparation and accompaniment during pregnancy,
 childbirth and puerperium, and identification and management of special situations
 and home obstetric emergencies
- Acquire fundamental knowledge of Natural Childbirth units, such as birthing homes and hospital units, and develop skills to evaluate, plan and manage these settings, ensuring a high level of care and satisfaction for women and their families
- Acquire fundamental knowledge and practical skills in newborn care, as well as the ability to provide comprehensive and safe care at this critical stage of life and how to collaborate with other health professionals and families to ensure the well-being of the newborn

- Acquire knowledge of the physical and emotional needs of the mother in the perinatal period
- Develop skills to provide comprehensive support and care to the mother during the postpartum period, including difficult and emotionally intense situations
- Promote prevention and care of maternal Mental Health in the perinatal period, including the detection and treatment of mood disorders and the management of obstetric trauma and obstetric violence
- Analyze the stages of labor and the techniques of pain management and relaxation
- Develop skills in developing and monitoring individualized birth plans
- Examine the importance of interdisciplinary collaboration in childbirth care
- Encourage emotional preparation and support for women and their families during the birthing process
- * Acquire skills in identifying and managing high-risk situations in pregnancy and childbirth



You will learn the latest advances in different neonatal conditions such as meconium aspiration, hypoglycemia or neonatal jaundice to become a professional at the forefront of this difficult medical area"



Specific Objectives

Module 1. Natural Childbirth

- Analyze the science and evolution of Natural Childbirth, and how current medical practices compare to historical and global statistics
- Examine the physiology of normal childbirth in the human species, including the hormonal cocktail, postures, and female sexuality
- Analyze childbirth practices in ancestral cultures and their relevance today
- Identify and address the emotional needs of women during childbirth and how professionals can support them
- Take an in-depth look at the role of Oxytocin in Natural Childbirth and the differences between endogenous and exogenous Oxytocin
- Examine current pandemics related to childbirth and their impact on the health of women and newborns
- Delve into the needs of the newborn during and after delivery, including gut and epidermal flora, the umbilical cord and placental blood
- Analyze interventionism in childbirth and how it affects the environment and safety in childbirth, as well as the importance of respecting the nature of the process



tech 10 | Objectives

Module 2. Childbirth emergencies

- Identify signs and symptoms of ruptured sac, diagnose and manage its impact on labor and postpartum
- Analyze in depth the reasons, methods, risks and benefits of induced labor, as well as its monitoring and follow-up
- Examine in depth the causes, risk factors, effects and interventions in prolonged labor, and how to prevent and plan for these cases
- Identify risk factors, recognize and diagnose shoulder dystocia, apply maneuvers and resolution techniques, and manage its complications and follow-up
- Analyze in depth indications, types of instruments, procedures and techniques in instrumental delivery, as well as their risks, benefits, and considerations
- Identify indications and types of cesarean sections, analyze the process and recovery and address risks, benefits, and planning for elective cesarean sections
- Assess and monitor complicated deliveries, apply interventions and manage pain, work as a team, and provide emotional and psychological support
- Understand the patient in complicated labor, including the right to information, consent, privacy, decision-making, and dignified treatment
- Develop effective communication skills in complicated childbirth, including active listening, empathy, clear and assertive communication, and conflict management and negotiation
- Delve into the process of informed consent and shared decision making in complicated childbirth, including documentation and recording of consent





Module 3. Emergencies of the Newborn

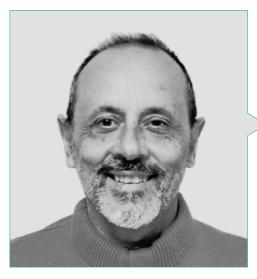
- Perform an initial evaluation of the newborn, including Apgar assessment and identification of risk factors
- Analyze basic and advanced Neonatal Resuscitation Techniques, such as bag-mask ventilation, cardiac massage, endotracheal intubation and drug administration
- Delve into common respiratory conditions in newborns, such as Transient Tachypnea, Respiratory Distress Syndrome and Meconium Aspiration
- Identify Neonatal Hypoglycemia, including Capillary Glycemia measurement and long term follow up
- Evaluate neonatal jaundice, applying treatments such as Phototherapy and Exchange Transfusion
- Recognize neonatal infections, including Sepsis and Meningitis, and apply Prophylaxis and prevention measures
- Examine cardiovascular emergencies in the newborn, such as neonatal shock, congestive heart failure, and patent ductus arteriosus
- Manage the care of the preterm newborn, focusing on initial stabilization, Nutrition and prevention of long-term complications
- Develop knowledge in preparation and teamwork, effective communication between professionals, and follow-up and referral to specialized services in neonatal emergencies





tech 16 | Course Management

Management



Dr. Santos Leal, Emilio

- Specialist Doctor at Fundación Alcorcón University Hospital
- Medical specialist at Consorcio Hospital General Universitario de Valencia
- Medical specialist at Pius Hospital de Valls
- Medical Specialist in Perpetuo Socorro Clinic
- Specialty in Gynecology and Obstetrics by Hospital Clínico San Carlos
- Degree in Medicine and Surgery from the University of Cantabria

Professors

Dr. García Báez, Miguel

- Pediatrician at Hospital Virgen de La Salud in Toledo
- Pediatrician at Canary University Hospital
- Pediatrician at Candelaria in University Hospital
- Degree in Medicine and Surgery from the University of Zaragoza
- Diploma in Medical Biostatistics from the Autonomous University of Barcelona
- Master's Degree in Homeopathy from the University of Sevilla







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Module 1. Natural Childbirth

- 1.1. Natural Childbirth
 - 1.1.1. Science versus Dogma
 - 1.1.2. Evolution as a Species
 - 1.1.3. Statistics Worldwide: Oxytocin, Analgesia, Episiotomies, Cesarean Sections
 - 1.1.4. Improving Statistics
- 1.2. Normal Childbirth in the Human Species
 - 1.2.1. Hormonal Cocktail in Normal Childbirth
 - 1.2.2. Postures in Normal Childbirth
 - 1.2.3. Female Sexuality
 - 1.2.4. Physiology of the Sexual Act
- 1.3. Childbirth in Ancient Cultures
 - 1.3. 1 Childbirth in the Tainos, Guanajatabeyes and Siboneyes
 - 1.3.2. Childbirth before the Sumerians
 - 1.3.3. Orgasmic Childbirth
 - 1.3.4. Michel Odent
- 1.4. Women's Emotional Needs During Childbirth
 - 1.4.1. Empowerment
 - 1.4.2. Intimacy
 - 1.4.3. Delivery
 - 1.4.4. Grandeur
- 1.5. Needs of the Laboring Woman's Professional
 - 1.5.1. Stealth
 - 1.5.2. Professional's Attitude towards Pain
 - 1.5.3. Respect to the Moment's Grandeur
 - 1.5.4. Priviledge
- 1.6. The Reason for Emotional Needs
 - 1.6.1. Comfort
 - 1.6.2. Intimacy
 - 1.6.3. Connection with the Animal Side
 - 1.6.4. Connection with the Spiritual Side

- 1.7. Oxytocin
 - 171 The Blood-Placental Barrier
 - 1.7.2. The Blood- Encephalic Barrier
 - 1.7.3. Endogenous Oxytocin
 - 1.7.4. Exogenous Oxytocin
- 1.8. Current Pandemics
 - 1.8.1. The Cesarean Section Pandemic
 - 1.8.2. The Immune Disorders Pandemic
 - 1.8.3. The Autism Pandemic
 - 1.8.4. The Attention Deficit Hyperactivity Disorder Pandemic
- 1.9. Requirements of the Newborn
 - 1.9.1. Intestinal Flora
 - 1.9.2. Epidermic Flora
 - 1.9.3. The Umbilical Cord
 - 1.9.4. The Placenta's Blood
- 1.10. Interventionism
 - 1.10.1. Fixing Nature
 - 1.10.2. Intervention calls for Intervention
 - 1.10.3. The Chain of Interventionism
 - 1.10.4. Environment and Safety in Childbirth

Module 2. Emergencies in Natural Childbirth

- 2.1. Broken Bag
 - 2.1.1. Signs and Symptoms
 - 2.1.2. Risk Factors
 - 2.1.3. Diagnosis and Management
 - 2.1.4. Impact in Childbirth and Postpartum
- 2.2. Induced Labor
 - 2.2.1. Reasons for Induction
 - 2.2.2. Induction Methods
 - 2.2.3. Risks and Benefits
 - 2.2.4. Monitoring and Follow-up



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2.3.	Prol	onged	Labo

- 2.3.1. Causes and Risk Factors
- 2.3.2. Effects in the Mother and the Baby
- 2.3.3. Interventions and Management
- 2.3.4. Prevention and Planning

2.4. Shoulder Dystocia

- 2.4.1. Risk Factors and Prevention
- 2.4.2. Recognition and Diagnosis
- 2.4.3. Maneuvers and Resolution Techniques
- 2.4.4. Complications and Follow-up

2.5. Instrumental Delivery

- 2.5.1. Indications and Types of Instruments
- 2.5.2. Procedures and Techniques
- 2.5.3. Risks and Benefits
- 2.5.4. Ethical Considerations

2.6. Cesarean Section

- 2.6.1. Indications and Types of Cesarean Section
- 2.6.2. Process and Recovery
- 2.6.3. Risks and Benefits
- 2.6.4. Elective Cesarean Sections and Planning

2.7. Care of Complicated Labor

- 2.7.1. Evaluation and Monitoring
- 2.7.2. Interventions and Pain Management
- 2.7.3. Teamwork and Staff Roles
- 2.7.4. Emotional and Psychological Support

2.8. Patient in Complicated Labor

- 2.8.1. Information and Consent
- 2.8.2. Privacy and Confidentiality
- 2.8.3. Decision Making and Participation
- 2.8.4. Respect and Decent Treatment

2.9. Effecting during Complicated Labor

- 2.9.1. Active Listening and Empathy
- 2.9.2. Clear and Assertive Communication
- 2.9.3. Conflict Management and and Negotiation
- 2.9.4. Communication Tools for Professionals and Patients

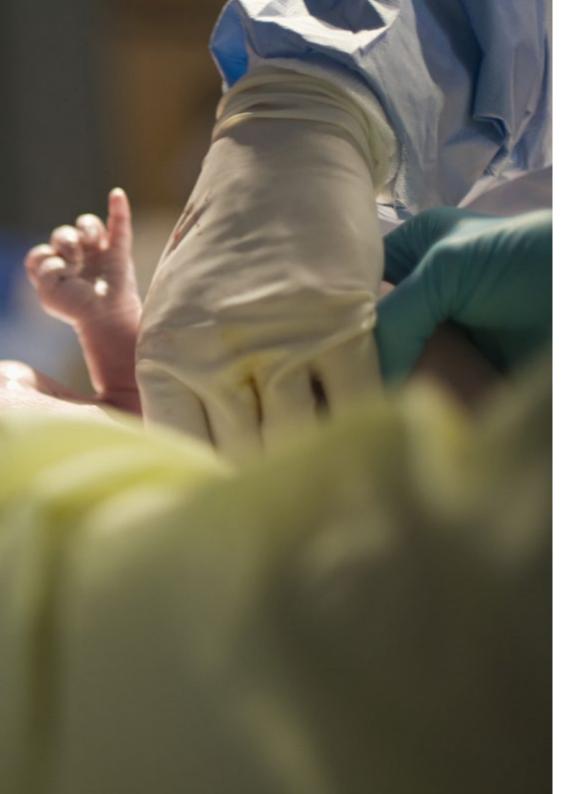
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- 2.10. Informed Consent and Decision Making during Complicated Labor
 - 2.10.1. Correct and Comprehensible Information
 - 2.10.2. Risks, Benefits and Alternatives
 - 2.10.3. Shared Decision-Making Process
 - 2.10.4. Documentation and Record of Consent

Module 3. Emergencies of the Newborn

- 3.1. Initial Assessment of the Newborn
 - 3.1.1. Apgar Score
 - 3.1.2. Vital Signs and Physical Exam
 - 3.1.3. Identification of Risk Factors
 - 3.1.4. Immediate Stabilization
- 3.2. Basic Neonatal Resuscitation
 - 3.2.1. Positioning and Patency of Airways
 - 3.2.2. Bag-mask Ventilation
 - 3.2.3. Cardiac Massage
 - 3.2.4. Monitoring and Adjustment of Resuscitation
- 3.3. Advanced Neonatal Resuscitation
 - 3.3.1. Endotracheal Intubation
 - 3.3.2. Medication administration
 - 3.3.3. Umbilical Vascular Access
 - 3.3.4. Defibrillation and Advanced Techniques
- 3.4. Newborn Respiratory Difficulties
 - 3.4.1. Transient Tachypnea of the Newborn
 - 3.4.2. Respiratory Distress Syndrome
 - 3.4.3. Meconium Aspiration
 - 3.4.4. Persistent Pulmonary Hypertension
- 3.5. Neonatal Hypoglycemia
 - 3.5.1. Risk Factors and Symptoms
 - 3.5.2. Capillary Glycemia Measurement
 - 3.5.3. Treatment and Prevention
 - 3.5.4. Long Term Follow-Up and Control





Structure and Content | 23 tech

- 3.6. Neonatal Jaundice
 - 3.6.1. Etiology and Pathophysiology
 - 3.6.2. Clinical Assessment and Diagnosis
 - 3.6.3. Treatment: Phototherapy and Exchange Transfusion
 - 3.6.4. Prevention and Monitoring
- 3.7. Neonatal Infections
 - 3.7.1. Early and Late Sepsis
 - 3.7.2. Neonatal Meningitis
 - 3.7.3. Prophylaxis and Antibiotic Treatment
 - 3.7.4. Immunization and Infection Prevention
- 3.8. Cardiovascular Emergencies in the Newborn
 - 3.8.1. Neonatal Shock
 - 3.8.2. Congestive Heart Failure
 - 3.8.3. Persistent Ductus Arteriosus
- 3.9. Management of the Premature Newborn
 - 3.9.1. Initial Stabilization and Respiratory Care
 - 3.9.2. Nutrition and Growth
 - 3.9.3. Prevention of Long-Term Complications
- 3.10. Protocols and Organization in the Care of Neonatal Emergencies
 - 3.10.1. Preparation and Teamwork
 - 3.10.2. Effective Communication between Professionals
 - 3.10.3. Follow-up and Referral to Specialized Services

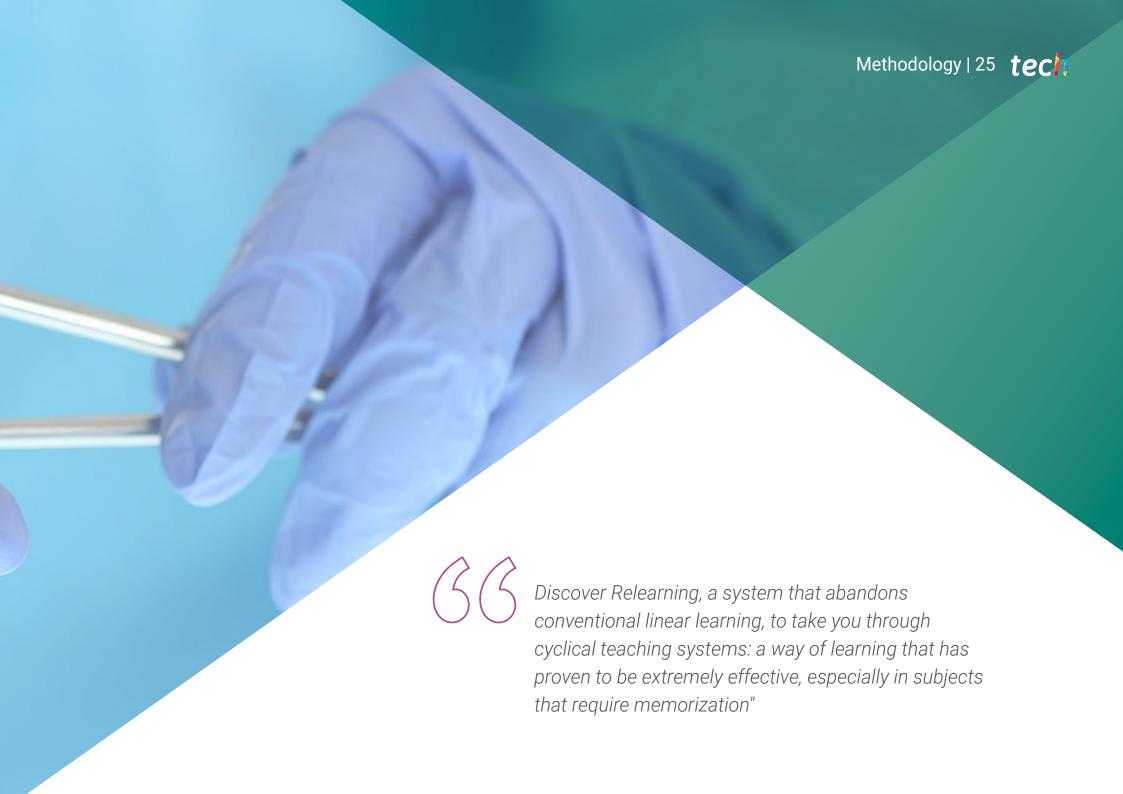


The 100% online methodology will allow you to study from anywhere and adapt your schedule to your personal and professional needs"



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.

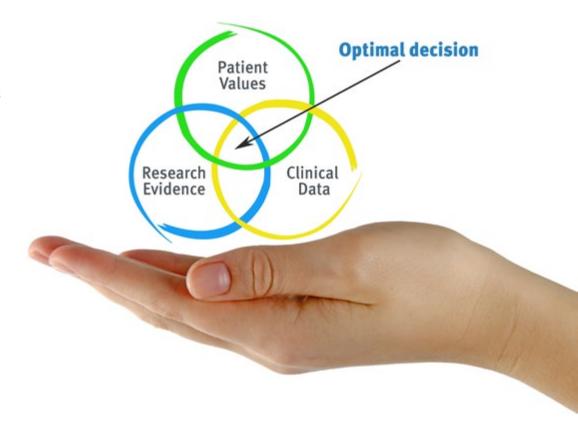


tech 26 | Methodology

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:

- 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.



Methodology | 29 tech

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

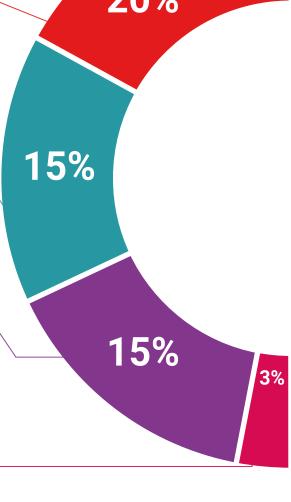
We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you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

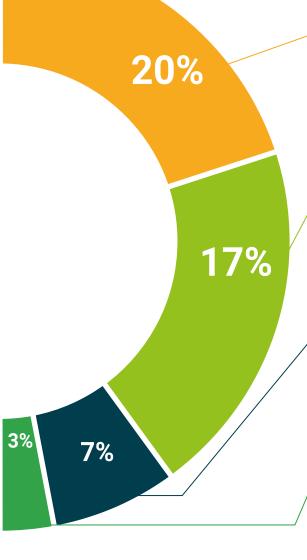
There is scientific evidence suggesting that observing third-party experts can be useful.

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.







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This program will allow you to obtain your **Postgraduate Diploma in Emergencies in Natural Childbirth 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** title 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 Diploma in Emergencies in Natural Childbirth for Nursing

Modality: online

Duration: 6 months

Accreditation: 18 ECTS



Postgraduate Diploma in Emergencies in Natural Childbirth for Nursing

This is a program of 450 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning



Postgraduate Diploma

Emergencies in Natural Childbirth for Nursing

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