

Postgraduate Certificate

Pain Management in Palliative Care for Nursing





Postgraduate Certificate Pain Management in Palliative Care for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/pain-management-palliative-care-nursing

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01

Introduction

Advances in palliative care include a multidisciplinary approach to pain management that integrates both pharmacological and non-pharmacological strategies. Therefore, nurses are key in the ongoing assessment of pain, with validated tools that allow tailoring treatments to individual patient needs. In addition, specialization on the appropriate use of opioids and attention to side effects are priorities to ensure effective pain management. In these circumstances, a 100% online program is presented, created by experts with extensive experience in palliative care, providing a practical approach to apply the acquired knowledge, aligned with the latest scientific research. In addition, it is based on the revolutionary Relearning methodology, a pioneer in TECH





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Thanks to this 100% online Postgraduate Certificate, you will gain a richer and more detailed understanding of the physiological and psychological dynamics of pain, a better ability to design and implement effective pain management plans"

From initial assessment to implementation of therapeutic interventions, nurses are specialized to provide holistic care that addresses the physical and emotional aspects of pain in patients with advanced disease. This involves using pharmacological and non-pharmacological analgesics, pain management techniques, and a compassionate and emotionally supportive approach.

This is how Postgraduate Certificate is born, in which the different types of pain will be identified, such as acute, chronic and neuropathic pain, as well as understanding how these impact patients in palliative care. Therefore, the current scientific knowledge on the mechanisms of pain will be deepened, providing nurses with the necessary tools to effectively and compassionately assess the intensity and type of pain in their patients.

Likewise, conventional pain treatments will be addressed, including the administration of analgesic drugs such as opioids, anti-inflammatory drugs and adjuvants. In this regard, professionals will examine indications, dosages, side effects and the management of potential drug interactions, essential for safe pain management in patients with complex conditions.

Finally, the efficacy of emerging methods, such as acupuncture, aromatherapy, music therapy and animal therapy, among others, will be researched and evaluated for integration into clinical practice. In addition, students are taught to provide patients with detailed information about their pain condition and strategies for self-regulation and self-care. This part of the course not only increases patient autonomy, but also improves their quality of life, allowing future nursing professionals to provide truly personalized and empathetic care.

At this time, TECH has implemented a complete and fully online program, designed to be adaptable and meet the specific needs of the student body, who will only need an electronic device with an Internet connection to access the teaching materials. Additionally, this program incorporates the Relearning methodology, which promotes the repetition of essential concepts to facilitate a more effective and natural assimilation of the contents.

This **Postgraduate Certificate in Pain Management in Palliative Care 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 Pain Management in Palliative Care for Nursing
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out 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 acquire a more empathetic and humane approach to pain care in palliative care, essential for the emotional and psychological support of patients and their families. What are you waiting for to enroll?"

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You will provide your patients with detailed information about their pain condition, as well as self-regulation and self-care strategies, thanks to an extensive library of innovative multimedia resources”

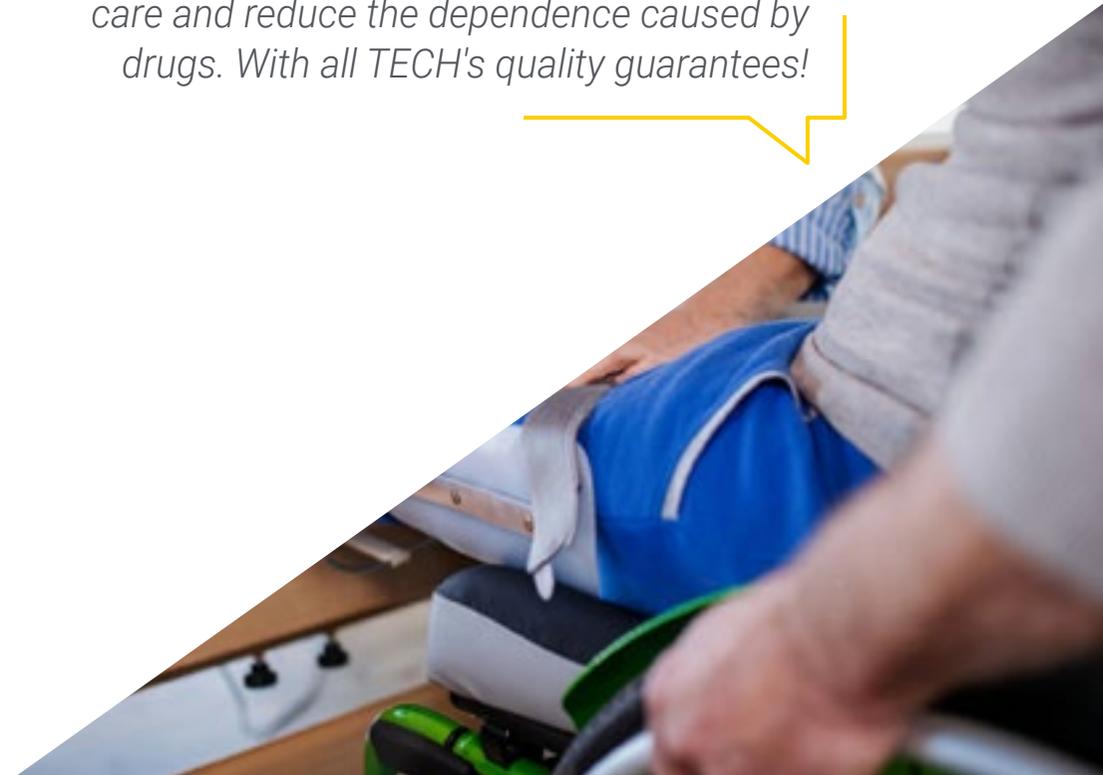
The program's teaching staff includes professionals from the sector who contribute their work experience to this specializing program, as well as renowned specialists from leading societies and prestigious universities.

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

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will analyze the ethical implications of pain management, preparing you to face common dilemmas in palliative care settings, all through the best didactic materials, at the forefront of technology and education.

You will be skilled in non-pharmacological interventions, such as physical therapies, radiation therapy and rehabilitation, vital to care and reduce the dependence caused by drugs. With all TECH's quality guarantees!



02 Objectives

The main objective of this Postgraduate Certificate will be to qualify professionals to develop a comprehensive and updated understanding of pain management in patients with advanced or terminal illnesses. Therefore, nurses will be equipped with advanced skills in the accurate assessment of pain and the implementation of effective treatment strategies, encompassing both pharmacological and non-pharmacological options. In addition, evidence-based practice and compassion, enabling them to educate and guide patients and their families in pain self-management and self-regulation techniques.



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You will update your knowledge on the nature of pain, including its different types, pathophysiological mechanisms and impact on palliative care patients"



General Objectives

- ♦ Have a solid understanding of the fundamentals and models of care in palliative care, as well as aspects such as epidemiology or pathophysiology of chronic diseases
- ♦ Enhance clinical skills for the comprehensive assessment of patients, including the management of complex symptoms and the approach to total suffering
- ♦ Adopt an individualized approach to care, focusing on both the preferences and values of users, respecting their autonomy at all stages of pathology
- ♦ Obtain empathetic and effective communication skills with both affected individuals and their families
- ♦ Apply knowledge of specific nutrition to improve prognosis and reduce complications in patients with advanced disease
- ♦ Keep abreast of innovations in matters such as diagnostic and therapeutic techniques most relevant to the follow-up of palliative patients





Specific Objectives

- ♦ Delve into the knowledge of pain
- ♦ Analyze conventional treatments
- ♦ Provide patients with information about their pain condition, as well as self-regulation and self-care strategies to manage it effectively
- ♦ Research alternative and innovative techniques for implementation in clinical practice



You will immerse yourself in the research and application of innovative and alternative techniques in the treatment of pain, integrating them into your clinical practice to improve the quality of life of palliative patients”

03

Course Management

The teachers are highly qualified professionals with a wealth of experience in the field of health and palliative medicine. Therefore, this academic team is composed of palliative care specialists and pain management experts, who will bring an interdisciplinary perspective to the course. In addition, their practical experience and theoretical knowledge in advanced pain management will ensure that the teaching is relevant, up-to-date and applicable.





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The faculty will not only impart technical knowledge, but will also emphasize the importance of empathy, effective communication and ethical care, essential elements for palliative care practice"

Management



Dr. Lafuente Sanchis, Manuel Pablo

- ◆ Head of the Home Hospitalization and Palliative Care Service at La Ribera University Hospital, Valencia
- ◆ Specialist in Family and Community Medicine at the Virgen de los Lirios Hospital, Alcoy
- ◆ Clinical Simulation Instructor, Catholic University of Murcia
- ◆ University Professor in Nursing Studies
- ◆ Expert in Palliative Care, International University of La Rioja
- ◆ University Expert in University Teaching from the Catholic University of Valencia
- ◆ Degree in Medicine and Surgery from the University of Valencia
- ◆ Member of: Spanish Society of Home Hospitalization and Spanish Society of Clinical Simulation

Professors

Dr. Tarraso Gómez, María Luisa

- ◆ Assistant Physician of the Home Hospitalization and Palliative Care Unit of La Ribera University Hospital
- ◆ Specialist Physician of the Pain Unit of La Ribera University Hospital
- ◆ Specialist in Family and Community Medicine. Residency at Dr. Peset Hospital
- ◆ Master's Degree in Palliative Care from the University of Valladolid
- ◆ Degree in Medicine and Surgery from the University of Valencia
- ◆ Member of: Valencian Society of Home Hospitalization and Palliative Group of the Spanish Multidisciplinary Society of Pain

Dr. Santander López, Jorge

- ◆ Assistant Physician of the Home Hospitalization and Palliative Care Unit at La Fe Hospital
- ◆ Specialist in Family and Community Medicine
- ◆ Specialist in Home Hospitalization and Palliative Care
- ◆ Degree in Medicine and Surgery from the University of Mendoza, Argentina
- ◆ University Expert in Pain



04

Structure and Content

The content of this university program has been designed to cover theoretical and practical aspects of pain management in patients with advanced diseases. Therefore, the physiology and pathology of pain will be explored, providing a solid basis for understanding the different types of pain and their impacts. Next, conventional treatments will be discussed in depth, including detailed pharmacology of analgesics, along with indications, contraindications and management of side effects. In addition, topics on non-pharmacological intervention strategies, such as physical therapy, radiation therapy and rehabilitation, will be incorporated.



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You will drive innovation and application of alternative therapies, examining their efficacy and ways to integrate them into personalized care plans, thanks to the support of the learning methodology known as Relearning”

Module 1. Pain Treatment

- 1.1. Pain in Palliative Care
 - 1.1.1. Approach to Pain in Palliative Care
 - 1.1.2. Epidemiology
 - 1.1.3. Most Common Types of Pain in Palliative Care Patients
- 1.2. Anatomy of Pain
 - 1.2.1. Topographic Atlas
 - 1.2.2. Pain Pathways
- 1.3. Classification
 - 1.3.1. According to Duration
 - 1.3.2. According to Origin
 - 1.3.3. According to Severity
 - 1.3.4. According to Pathophysiology
- 1.4. Pain Assessment and Diagnosis
 - 1.4.1. Anamnesis and Examination
 - 1.4.2. Scales and Algorithms
 - 1.4.3. Imaging Techniques
- 1.5. Pharmacological Treatment of Pain in the Palliative Patient
 - 1.5.1. Usual Pharmacological Treatment
 - 1.5.2. Pharmacological Treatment of the Most Frequent Comorbidities: IR, CHF, Hepatic Insufficiency, Cognitive Impairment
 - 1.5.3. Opioid Rotation
- 1.6. Non-Pharmacological Treatment
 - 1.6.1. Physical Therapy
 - 1.6.2. Radiotherapy
 - 1.6.3. Rehabilitation
- 1.7. Pain in the Palliative Oncology Patient
 - 1.7.1. Consultation Approach
 - 1.7.2. Most frequent Types of Pain
 - 1.7.3. Treatment and Follow-up Guidelines





- 1.8. Intervention Techniques
 - 1.8.1. Ganglion Ablation
 - 1.8.2. Infiltrations
 - 1.8.3. Plexus
 - 1.8.4. Drug Infusion Pumps
 - 1.8.5. Neuro-Modulators
- 1.9. Pain Associated with Antineoplastic Treatment
 - 1.9.1. Hypercalcemia
 - 1.9.2. Tumor lysis
 - 1.9.3. Related to Radiotherapy
- 1.10. Repercussions of Pain
 - 1.10.1. On the Quality of Life
 - 1.10.2. On the Emotional Sphere
 - 1.10.3. Economic Repercussions

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The comprehensive approach of this program will ensure that you are equipped with fundamental knowledge and critical skills for assessment and continuous improvement in palliative care pain management”

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

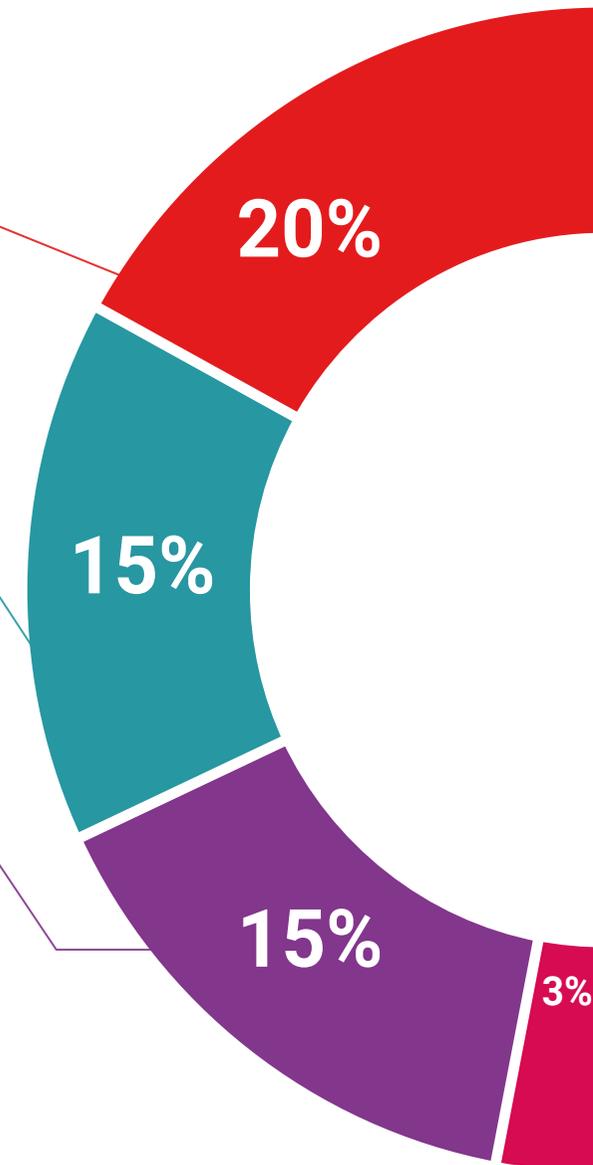
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

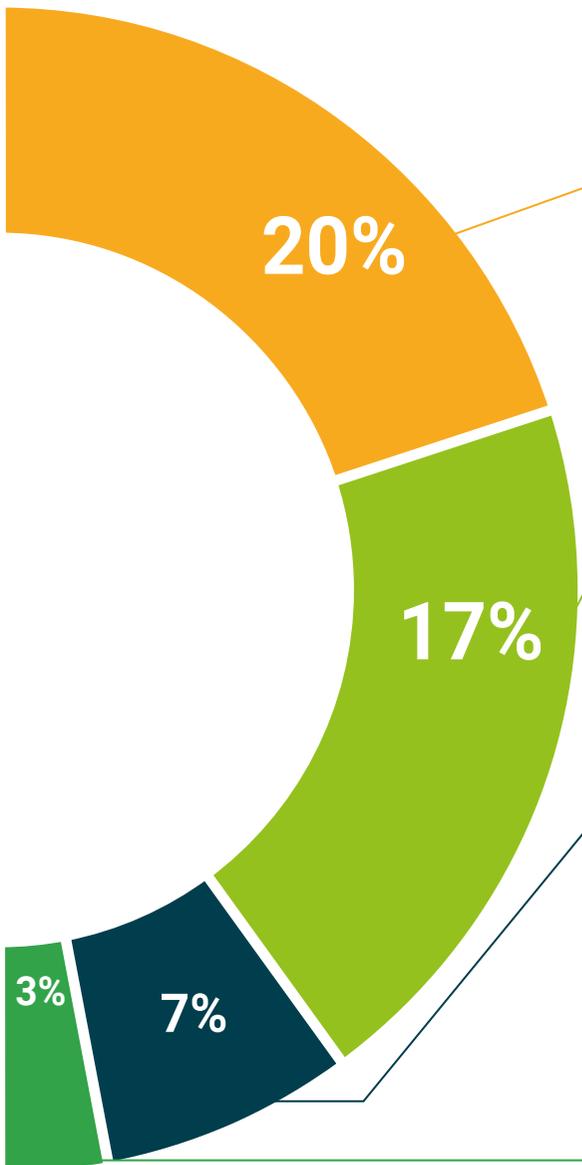
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Pain Management in Palliative Care for Nursing guarantees, in addition to the most accurate and up-to-date knowledge, 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 Pain Management in Palliative Care 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 Pain Management in Palliative Care for Nursing**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.



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