Postgraduate Diploma
Podiatric Surgery

Postgraduate Diploma
Podiatric Surgery

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **25 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-podiatric-surgery**

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01
Introduction

In recent years, surgery has evolved significantly. Continuous advances in surgical procedures of the foot require constant updating of the specialist. This program is designed to facilitate the update in the advances produced through the latest educational technology, so that they can develop the surgical practice with quality and confidence, therefore improving the prognosis of the patients.

The new scenarios in Podiatric Surgery push us to propose new specialization programs that meet the real needs of experienced professionals, so that they can incorporate advances in the management of foot pathologies to improve patient prognosis"

Among the podiatrist's own competencies is Podiatric Surgery, although it is not one of the best known by the general population, it is one of the specialties of greatest interest to podiatric professionals.

The rise of Podiatric Surgery requires a solid educational foundation. If the podiatric professional wants to have a surgical quality that meets the needs of the pathologies of their patients, it is necessary to have a continuous and quality specialization.

The rigorous detail of the program will provide the student with the necessary knowledge to surgically resolve all varieties of problems found in the foot. Not only does it provide an overview of the specific subspecialties of open surgery and Minimal Incision Surgery (MIS), but the intention is to provide tools that contemplate the patient, both in preparation for surgery and post-surgery, the main aspects for quality care.

This program is designed to provide an update on the most important techniques and surgical procedures in Podiatric Surgery, using the latest educational technology, adapting to the real needs of the professional.

This **Postgraduate Diploma in Podiatric Surgery** 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 podiatry
- The graphic, schematic and practical contents of the course are designed to provide all the essential information required for professional practice
- It contains exercises where the self-assessment process can be carried out to improve learning
- Algorithm-based interactive learning system for decision-making in patients with foot pathologies
- Rational drug use guidelines for podiatrists, and clinical practice guidelines on the different musculoskeletal pathologies of the Lower Limb
- 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 available from any fixed or portable device with an Internet connection

Update your knowledge with the Postgraduate Diploma in Podiatric Surgery"

"*This Postgraduate Diploma may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Podiatric Surgery, you will obtain a qualification endorsed by TECH Global University"*

Include the latest developments in Podiatric Surgery in your surgical Practice and improve the prognosis of your patients.

Do not miss this opportunity and choose the best way to stay up to date in Podiatric Surgery.

Its teaching staff includes specialists of recognized prestige in Podiatric Surgery, who bring the experience of their work to this specialization.

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

This program is designed around Problem-Based Learning, whereby the physician must try to solve the different professional practice situations that arise throughout the program. For this purpose, the physician will be assisted by an innovative system of interactive videos made by recognized experts in the field of Podiatric Surgery and with great teaching experience.

Objectives

This program aims to provide podiatrists with up-to-date knowledge on the latest foot surgery techniques. To this end, it proposes a review of the different pathologies and their medical-surgical management in the context of the latest scientific evidence.

This program is designed for you to update your knowledge in Podiatric Surgery, with the use of the latest educational technology, to contribute with quality and confidence to the decision-making process"

General Objective

• Update the podiatrist in the knowledge and skills necessary for the application of the latest surgical techniques in the various pathologies of the foot and interpret the most useful diagnostic imaging tests in podiatry in the context of the latest scientific evidence

Take the opportunity to learn about the latest advances in this area in order to apply it to your daily practice"

Specific Objectives

Module 1. Generalities on Podiatric Surgery

- Broaden the knowledge and skills necessary for the application of podiatric surgery
- Learn the pre-surgical preparation of the patient in podiatric surgery
- Recognize the specific instrumentation
- Know the complementary tests that may be requested
- Broaden knowledge in aesthetic reconstruction in podiatric surgery

Module 2. Soft Tissue Surgery

- Understand and know how to apply elementary surgical maneuvers such as incisions and approaches
- Expand knowledge in the specialization of the different types of soft tissue surgeries such as nail surgery, punch biopsy, fusiform excision, among others

Module 3. Open Surgery

- Integrate and update knowledge in osteoarticular surgery
- Update and integrate bases for the performance of first radius surgery
- Differentiate the 5th metatarsal surgery

Module 4. *Minimal Incision Surgery* (MIS)

- Develop the different up-to-date surgical techniques in the various foot pathologies by means of minimal incision surgery
- Apply MIS soft tissue surgery on the basis of *Minimal Incision Surgery*
- Establish a solid knowledge of the different types of surgeries in which *Minimal Incision Surgery* can be applied

Module 5. Diagnostic Imaging Tests in Podiatry

- Know how to use radiological and radiobiological protection correctly
- Correctly use radiology and ultrasound techniques to efficiently interpret and provide a correct diagnosis

Module 6. Anesthesia and Pharmacology Applied to Podiatry

- Be aware of the responsibility of podiatric prescribing and rational use of medication
- Identify and recognize commonly used local anesthetics
- Comprehensive knowledge of conscious sedation
- Apply chemical and radiotherapeutic treatments, as well as antibiotic therapy, analgesia and anti-inflammatories
- Management of the anticoagulated patient
- Deal with diabetic foot treatment
- Perform healing of ulcers and wounds applied to podiatry

03

Course Management

The teaching team of the Postgraduate Diploma in Podiatric Surgery has a wide prestige in this field, and they are professionals with years of teaching experience who have joined forces to help you give a boost to your career. To this end, they have developed this program with recent updates in the field that will allow you to train and enhance your skills in this sector.

Learn from the best Podiatric professionals and become a successful professional yourself"

Management

Dr. Parra Sánchez, Guillermo

- Coordinator of the Foot and Ankle Unit, Gregorio Marañón Hospital, Madrid
- Attending Physician in Orthopedic Surgery and Traumatology
- Honorary Collaborator of the Department of Surgery I. Complutense University of Madrid
- MRCS. Royal College of Physicians and Surgeons of Glasgow
- Degree in Medicine and Surgery. Alcalá de Henares University
- Medical Specialist in Orthopedic Surgery and Traumatology. Doce de Octubre University Hospital, Madrid

Dr. Cuervas-Mons Cantón, Manuel

- Doctor of Medicine in the Foot and Ankle Unit, Gregorio Marañón Hospital
- Instructor of Advanced Trauma Life Support (ATLS). American College of Surgeons
- Specialist in Orthopedic Surgery and Traumatology. Gregorio Marañon General University Hospital
- Specialist in Orthopedic Surgery and Traumatology. QuirónSalud Madrid UH
- Master's Degree in Clinical, Medical and Welfare Management. CEU Cardenal Herrera University
- Doctor of Medicine. Grade: Outstanding Cum Laude. Complutense University of Madrid
- Director of different Doctoral Theses in Medicine in the Department of Surgery at the Complutense University of Madrid

Professors

Dr. Martínez Ayora, Álvaro

- Specialist Physician in Orthopedic Surgery and Traumatology. Foot and Ankle Unit. Torrejón University Hospital
- Specialist Physician in Orthopedic Surgery and Traumatology. Gregorio Marañón General University Hospital
- Member of the Spanish Society of Orthopedic Surgery and Traumatology (SECOT) since June 2013
- Member of the Spanish Knee Society (SEROD) since January 2017
- Member of the Spanish Association of Arthroscopy (AEA) since March 2017
- Degree in Medicine and Surgery from the Autonomous University of Madrid.
- Master's Degree in Update on Orthopedic Surgery and Traumatology. CEU Cardenal Herrera University
- Postgraduate Diploma in Orthopedic Surgery and Traumatology of the Spine and Tumors and Infections of the Locomotor System. CEU Cardenal Herrera University

Dr. Arnal Burro, Javier

- Resident Intern of Traumatology and Orthopedic Surgery, Gregorio Marañón General University Hospital
- Collaborating Doctor of Practical Teaching, Department of Surgery I, Faculty of Medicine Complutense University of Madrid
- Degree in Medicine from the University of Zaragoza
- Publication: "A retrospective comparative cohort study of Radial Head Arthroplasty versus resection in complex Elbow Dislocations"
- C. Oral: Fractures of the Talar Neck Long-term Results Benjumea-Carrasco A, Cuervas-Mons M, Martínez Ayora A, Arnal Burró J, Vaquero Martín F.J.

Dr. Álvarez Baena, Lucía

- Specialist in Anesthesiology and Resuscitation Gregorio Marañon General University Hospital. Specialist in Anesthesiology and Resuscitation Infanta Leonor UH
- Master's Degree in Update on Anesthesiology and Resuscitation CEU Cardenal Herrera University
- Degree in Medicine. Faculty of Medicine. Complutense University of Madrid
- Best Oral Communication Award at the National Congress of the Pediatric Anesthesia Section of the Spanish Society of Anesthesiology, Resuscitation, and Pain Therapy. SEDAR
- Member of the Spanish Group of Multimodal Rehabilitation. (GERM)

Take the step to get up to date on the latest developments in Podiatric Surgery"

Structure and Content

The structure of the syllabus has been designed by a team of professionals knowledgeable about the implications of specialization in podiatric surgery, aware of the current relevance of specialization and committed to quality teaching through new educational technologies.

The Postgraduate Diploma in Podiatric Surgery contains the most complete and up-to-date scientific program on the market"

Module 1. Generalities in Podiatric Surgery

1.1.   Anatomy Recap
1.2.   Pre-Surgical Preparation and Complementary Tests
1.3.   Specific Instruments
1.4.   Prophylaxis in Podiatric Surgery
1.5.   Anesthesia. Loco-regional Blockages
1.6.   Sterile Field
    1.6.1.   Historical Introduction
    1.6.2.   Infection Control
    1.6.3.   Sterile Technique
1.7.   Surgical Wash
1.8.   Instrument Table Preparation
1.9.   The Operating Table: General Aspects and Patient Positioning
1.10. Suture Techniques
1.11. Aesthetic Reconstruction
1.12. Basic Cardiopulmonary Resuscitation

Module 2. Soft Tissue Surgery

2.1.   Elementary Surgical Maneuvers: Incisions and Approaches
2.2.   Nail Physiology and Pathologies
2.3.   Biopsy-punch
2.4.   Cryosurgery
2.5.   Infiltrations
2.6.   Electrosurgery
2.7.   Plasties and Flaps
2.8.   Postoperative Care

Module 3. Open Surgery

3.1.   Osteoarticular Surgery - Hallux Valgus
3.2.   First Radius Surgery - Hallux Rigidus
3.3.   5th Metatarsal, Athology of the Fifth Radius: Treatment by Osteoarticular Surgery
3.4.   Metatarsal Surgery
3.5.   Flatfoot Surgery

Module 4. *Minimal Incision Surgery* (MIS)

4.1.   Material and Instruments in MIS
4.2.   MIS 1st Radius
4.3.   Mid Radius and Central Metatarsal Surgery
4.4.   Soft Parts
4.5.   Pathologies Susceptible to MIS
4.6.   Update on MIS

Module 5. Diagnostic Imaging Tests in Podiatry

5.1.   Radiological Protection: Radiological and Radiobiology Protection
5.2.   Radiology and Ultrasound

Module 6. Anesthesia and Pharmacology Applied to Podiatry

6.1.   Local Anesthetics
6.2.   Conscious Sedation
6.3.   Manual of Recommendations for the Handling of Cytostatic Medications
6.4.   Antibiotherapy, Analgesia, and Anti-inflammatory Drugs
    6.4.1.   Analgesics
    6.4.2.   Antibiotics
6.5.   Anticoagulated Patient. Antithrombotic Prophylaxis
6.6.   Diabetic Foot
6.7.   Ulcer and Wound Care
6.8.   Magistral Formulas

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 we use the Case Method

What should a professional do in a given situation? 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. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning 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, trying to recreate the real conditions in the physician's professional 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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate real situations and the application of knowledge.

2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.

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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving 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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 highly 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.

Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and 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 the videos as many times as you like.
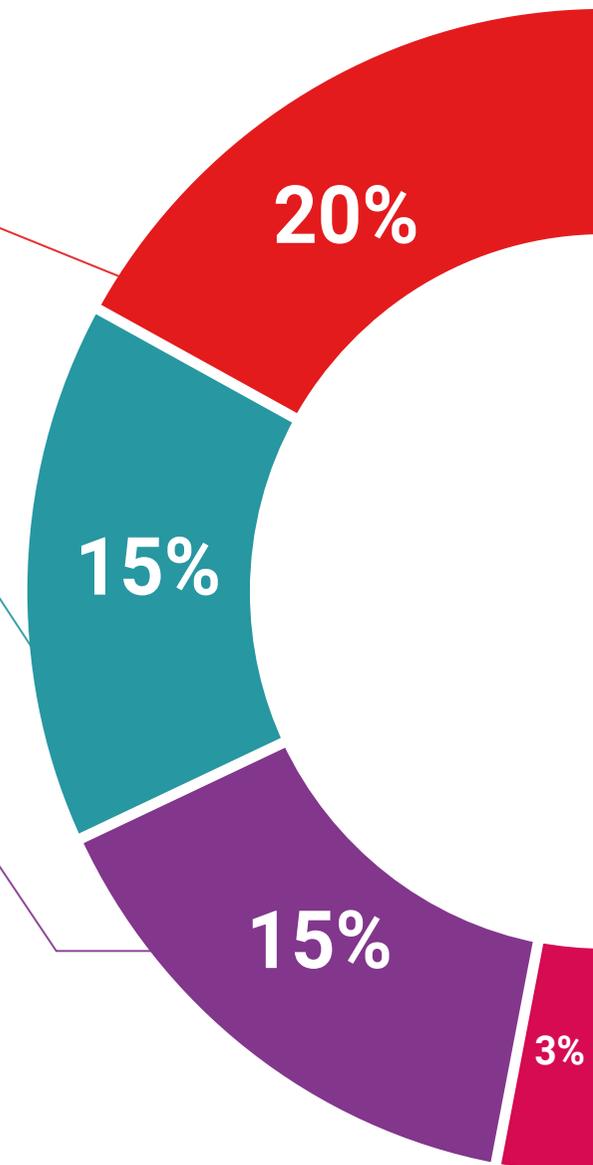
Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.
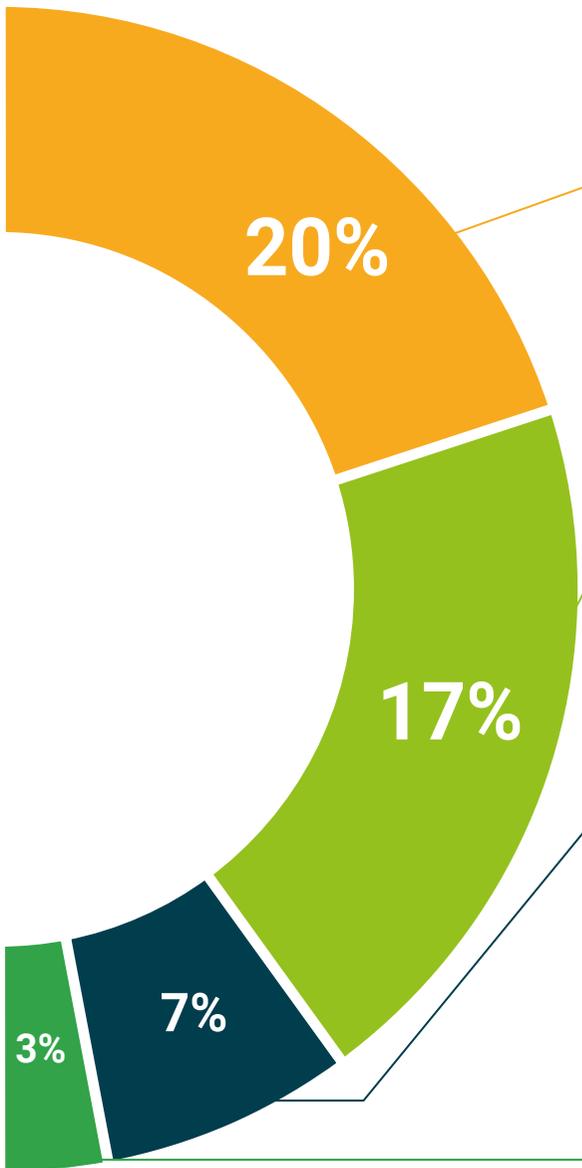
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Additional Reading

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

20%

15%

15%

3%

20%

17%

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 on the usefulness of learning by observing experts. The system known as 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.

Certificate

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The Postgraduate Diploma in Podiatric Surgery guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

Successfully complete this program and receive your university degree without travel or laborious paperwork"

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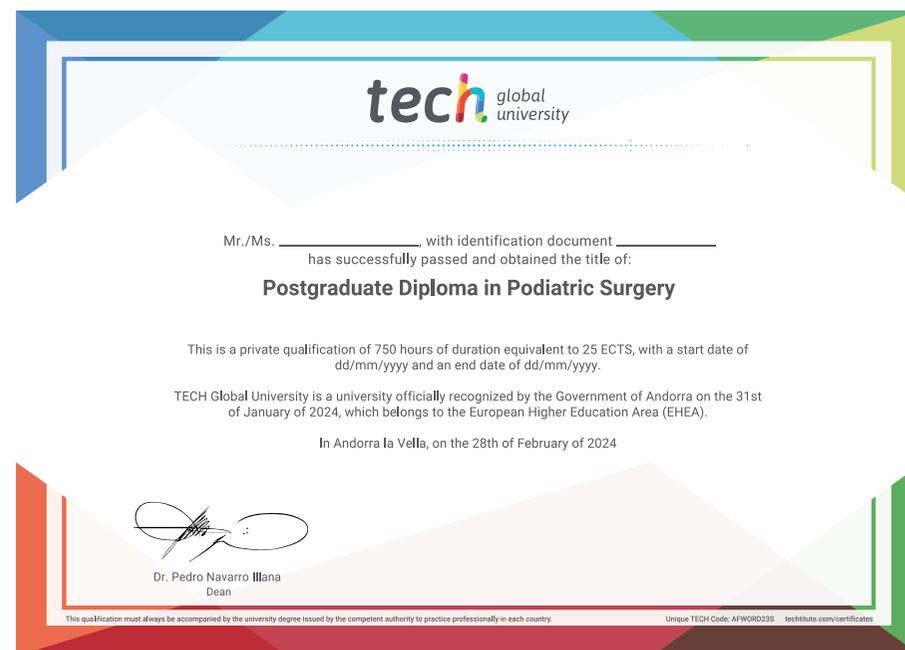
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Podiatric Surgery**

Modality: **online**

Duration: **6 monts**

Accreditation: **25 ECTS**

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Podiatric Surgery

This is a private qualification of 750 hours of duration equivalent to 25 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

Dr. Pedro Navarro Illana
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 Global University will make the necessary arrangements to obtain it, at an additional cost.

tech global university

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