

Postgraduate Diploma Regulation of Cosmetic Products



Postgraduate Diploma Regulation of Cosmetic Products

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

Website: www.techtute.com/us/pharmacy/postgraduate-diploma/postgraduate-diploma-regulation-cosmetic-products

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 22

06

Certificate

p. 30

01

Introduction

Complying with current legislation related to the exhaustive and demanding quality controls of cosmetic production is an indispensable requirement when launching any product onto the market, as well as guaranteeing its effectiveness and avoiding negative and undesired consequences on consumers. For this reason, pharmacy professionals who dedicate their activity to this area, must know in detail the rules and regulations governing this industry, as well as developments related to good manufacturing practice and strategies of efficacy and safety that are currently obtaining better results. That is why TECH has decided to develop this complete program, which includes the most complete and up-to-date information on this sector so that the graduate can get up to date in a 100% online way, comfortably and exhaustively and without schedules or face-to-face classes.





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A 100% online, dynamic and intensive program through which you will get to know in detail the normative and regulatory framework of cosmetic production, as well as the novelties related to this field"

Safety, efficacy and the free market are the three fundamental pillars on which regulatory compliance in the manufacture and distribution of cosmetic products is based. For this reason, Pharmacy professionals who dedicate their activity to this sector must know in detail the novelties related to the legislation and regulations that govern it, with the purpose of always working on the basis of the benefit of the person who finally ends up using it and avoiding possible legal problems for the company of which it is part.

This is why TECH has considered it necessary to launch this Postgraduate Diploma in Regulation of Cosmetic Products, an avant-garde, intensive and dynamic program that includes the latest advances that have occurred, not only in the international legal framework, but also in relation to the development and manufacturing processes. In addition, it also delves into the current specifications of quality, efficacy and safety controls, as well as the strategies and procedures that have achieved the best results to date.

It will include 450 hours of diverse theoretical, practical and additional content presented in different formats and framed in a convenient and accessible 100% online program. In addition, in order to always guarantee the best educational experience, the graduate will be able to adapt the schedule to his/her own availability, as well as access the virtual classroom from any device with internet connection. Thanks to this, you will be able to update your knowledge with total guarantee and with the endorsement of a great scientific university such as TECH.

This **Postgraduate Diploma in Regulation of Cosmetic Products** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ Practical cases presented by experts in Cosmetic Science and Technology
- ◆ 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 delve into new developments related to quality controls, efficacy and safety in the production of cosmetics through 450 hours of the best theoretical, practical and additional content"

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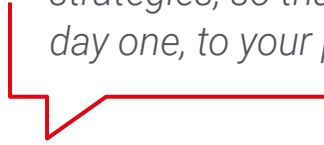
An educational experience at the forefront of the pharmaceutical sector, including case studies based on real-life situations, so you can hone your professional skills”

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

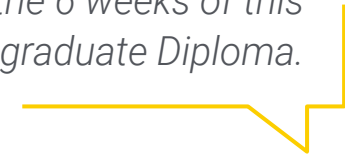
The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. This will be done with the help of an innovative system of interactive videos made by renowned experts.

You will work on the latest developments related to cosmetic development and manufacturing strategies, so that you can apply them, from day one, to your professional practice.



As long as you have an internet connection, you will be able to access the Virtual Classroom whenever you want during the 6 weeks of this Postgraduate Diploma.



02 Objectives

The importance of complying with the regulations in force, as well as meticulously respecting the legislation when undertaking the production and distribution of any type of cosmetic product, is what TECH has based its decision on for the development of this Postgraduate Diploma. For this reason, the objective of this course is to guide graduates in their update, providing them with the latest information on the pharmaceutical sector and giving them access to the best academic tools to facilitate this task.





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You will work on the knowledge of legislative developments in countries in the Americas, Europe and Asia, as well as the requirements for exporting and importing products”



General Objectives

- ◆ Become familiar with skin structure and features
- ◆ Analyze the main active ingredients according to their origin and nature
- ◆ Understand the action mechanisms in the most suitable cosmetic ingredients to prepare cosmetic formulations for different skin alterations
- ◆ Develop a global vision of the manufacturing process of a cosmetic product, from the initial idea to its launching on the market





Specific Objectives

Module 1. International Legislation on Cosmetic Products

- ◆ Identify the figure of the “person in charge”
- ◆ Comprehend Cosmetic Regulation from a practical point of view
- ◆ Define the functions of the Cosmetic Regulation department
- ◆ Analyze and present the Natural Products standard: ISO-Certifications
- ◆ Identify and apply international standards for CPNP discharge

Module 2. Cosmetics Development and Manufacturing

- ◆ Analyze the process that a product goes through from its small-scale creation in the laboratory to its production on an industrial scale
- ◆ Develop the different raw materials that make up the skeleton of a cosmetic product one at a time
- ◆ Examine the plastics or packaging used in the cosmetic industry
- ◆ Determine the different operations and basic manufacturing processes of the different cosmetic forms under the UNE-EN-ISO standard: 22716:2008
- ◆ Evaluate the different cosmetic forms on the market
- ◆ Establish the importance of R&D&I in cosmetic products development; innovation remains key to consumer requirements
- ◆ Compile the steps involved in perfume development, essence and subsequent applicability

Module 3. Quality Control, Efficacy and Safety in Cosmetics

- ◆ Examine Quality Controls
- ◆ Analyze the importance of GMP in product traceability
- ◆ Perform CPNP discharge processes
- ◆ Perform Safety Assessment
- ◆ Determine the Studies for Safety Assessment
- ◆ Identify Studies for Efficacy Justification



Thanks to the dynamism with which this program has been designed, you will save memorization time, which you will be able to invest in the aspects you consider most relevant for your professional performance"

03

Course Management

The faculty of this Postgraduate Diploma in Regulation of Cosmetic Products has been prepared based not only on their work experience in the pharmaceutical sector specialized in cosmetics, but also on the recommendations that accompany their career. That is why TECH offers its graduates with this program the opportunity to get up to date with real working professionals, also characterized by human quality.





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You will have the possibility of requesting individualized tutoring with the teaching team, so that you can resolve any doubts that may arise throughout this educational experience”

Management



Dr. Mourelle Mosqueira, María Lourdes

- ◆ Expert researcher in Cosmetic Science
- ◆ Technical Director at Balcare
- ◆ Researcher of the FA2 group of the Applied Physics Department of the University of Vigo
- ◆ Author of publications on Cosmetic Science
- ◆ Lecturer in undergraduate and graduate programs related to Cosmetic Science
- ◆ President of the Iberoamerican Society of Thalassotherapy
- ◆ Secretary of the Galician Society of Thermal Peloids
- ◆ PhD in Applied Physics, University of Vigo
- ◆ Degree in Pharmacy, University of Santiago de Compostela
- ◆ Diploma in Nutrition and Dietetics, University of Granada

Professors

Dr. Abril González, Concepción

- ◆ Chemistry Specialist in Chromatography at Bordas S.A
- ◆ Food Products Analyst for foreign trade at the Technical Inspection of Soivre in Seville
- ◆ Chromatography Analyst at Agrama Laboratories
- ◆ Researcher in the Analytical Chemistry Department at Anquimed
- ◆ PhD in Analytical Chemistry, University of Seville
- ◆ Professional Master's Degree in Professional Specialization in Pharmacy: Pharmaceutical Industry, University of Seville
- ◆ Professional Master's Degree in Cosmetics and Dermopharmacy from the University of Seville
- ◆ Professional Master's Degree in Chemistry, University of Seville

Ms. Aguado Ruiz, Belén

- ◆ Cosmetic Safety Advisor at ABAR Cosmetics
- ◆ Technical Director at Larrosa Laboratorios
- ◆ Quality Department Director at Gaher Química
- ◆ Cosmetic Safety Supervisor at LAB&CLIN ALLIANCE
- ◆ Cosmetics Technical Expert at Bellssan Healthcare
- ◆ International Professional Master's Degree in Toxicology from the Official College of Chemists of Seville
- ◆ Degree in Chemistry from the University of Alcalá de Henares



04

Structure and Content

The structure of this Postgraduate Certificate has been designed by the teaching team, which has selected the most cutting-edge and innovative information in the sector, based on the demanding quality criteria that define and characterize TECH. Thanks to this, it has been possible to compile 450 hours of theoretical, practical and additional content, including detailed videos, self-knowledge exercises, images, dynamic summaries, research articles and complementary readings. In this way, the graduate will be able not only to update his or her knowledge, but also to deepen the aspects he or she considers most important for his or her professional performance.



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If you are looking to get up to date on the procedures to follow for the registration of products in the European portal, this program will give you the keys to achieve it quickly and effectively"

Module 1. International Legislation on Cosmetic Products

- 1.1. Regulations in Europe
 - 1.1.1. European Regulations-Legislation
 - 1.1.2. Regulation 1223/2009
 - 1.1.3. Borderline Products
- 1.2. Cosmetics Manufacturing Laboratory Requirements in Europe
 - 1.2.1. Registering Manufacturing Activities
 - 1.2.2. Good Manufacturing Practices
 - 1.2.3. Standard Operating Procedures
- 1.3. Requirements for Importers, Distributors and Providers Placing the Product on the Market
 - 1.3.1. Definitions Based on European Legislation
 - 1.3.2. Obligation Based on European Legislation
 - 1.3.3. Product Notification Portal Registration
- 1.4. Cosmetic Laboratory Areas
 - 1.4.1. Department Definitions
 - 1.4.2. Materials and Personnel Flow
 - 1.4.3. Industrial Equipment and Instrumentation
- 1.5. Regulatory Department: functions
 - 1.5.1. Safety Assessor
 - 1.5.2. Safety Assessment and Product Dossier
 - 1.5.3. Safety Assessment: Studies
- 1.6. ISO Standards and Certifications
 - 1.6.1. Good Manufacturing Practices
 - 1.6.2. Natural Cosmetic Products
 - 1.6.3. Quality
- 1.7. Regulations: USA, Latin America and Asia
 - 1.7.1. U.S. Legislation
 - 1.7.2. Latin American Legislation
 - 1.7.3. Legislation in Asia
 - 1.7.4. Export Requirements



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- 1.8. Cross-cutting legislation
 - 1.8.1. REACH Legislation
 - 1.8.2. CLP Legislation
 - 1.8.3. Other Legislation: Toys, Biocides, Others
 - 1.9. Other legislation
 - 1.9.1. European Legislation: Borderline Products
 - 1.9.2. Personal Care Products
 - 1.9.3. Aerosol Legislation
 - 1.10. Registration Requirements for Cosmetic Products in Other Countries (FDA, USA)
 - 1.10.1. Customs Services
 - 1.10.2. Labeling Requirements
 - 1.10.3. Differences in Definition between Cosmetics and Medication

Module 2. Cosmetics Development and Manufacturing

- 2.1. The Cosmetic Industry
 - 2.1.1. The Cosmetics Industry Sector
 - 2.1.2. Briefing or Initial Idea
 - 2.1.3. Laboratory to Pilot Testing
- 2.2. Cosmetic Product Manufacturing Processes
 - 2.2.1. Manufacturing and Subsequent Quality Control
 - 2.2.2. Packaging, Conditioning and Labeling
 - 2.2.3. Storage and Distribution
- 2.3. Raw Materials for Cosmetics Manufacturing
 - 2.3.1. Water Used in the Cosmetic Industry
 - 2.3.2. Antioxidants and Preservatives
 - 2.3.3. Moisturizers, Emulsifiers, Silicones and Polymers
- 2.4. Cosmetic Packaging
 - 2.4.1. Materials
 - 2.4.2. Trends in Cosmetic Packaging
 - 2.4.3. Packaging for Children's Cosmetics

- 2.5. Manufacturing Operations and Processes in Different Cosmetic Forms
 - 2.5.1. Good Manufacturing Practices for Cosmetic Products UNE-EN-ISO: 22716:2008
 - 2.5.2. Formulations Prior to Cosmetic Development
 - 2.5.3. Prototypes Preparation and Formulation Examples
- 2.6. R&D in Cosmetic Product Development
 - 2.6.1. New Cosmetic Forms
 - 2.6.2. TOP Cosmetic Ingredients
 - 2.6.3. New Plant-Derived Ingredients
- 2.7. Solution, Suspension and Emulsion Preparation
 - 2.7.1. Textures
 - 2.7.2. Aqueous, Micellar and Oily Solutions
 - 2.7.3. Suspensions and Emulsions
 - 2.7.4. Gels and Cremigels
- 2.8. Solid and Semi-Solid Cosmetics Preparation
 - 2.8.1. Sustainability and Practicality
 - 2.8.2. Sensoriality and Efficiency: New Formats
 - 2.8.2.1. Soaps and Syndets
 - 2.8.2.2. Ointments and Salves
 - 2.8.3. Loose powder vs. Compacts: uses
- 2.9. Other Cosmetic Forms and Substrates
 - 2.9.1. Aerosols
 - 2.9.2. Foams
 - 2.9.3. Single Doses
 - 2.9.3.1. Mask Tissue
 - 2.9.3.2. Impregnated Wipes
- 2.10. Perfume Manufacturing
 - 2.10.1. Perfume: background
 - 2.10.2. Raw Material Origin, Composition and Application
 - 2.10.3. Alcoholic Fine Perfumery
 - 2.10.4. IFRA Standards

Module 3. Quality Control, Efficacy and Safety in Cosmetics

- 3.1. Quality Controls
 - 3.1.1. Stability and Compatibility
 - 3.1.2. Preservative Efficacy
 - 3.1.3. Controls in Process
- 3.2. Article 19 Cosmetics Regulation Based on Study Results
 - 3.2.1. ISO Definitions for Products Susceptible of Microbiological Risk
 - 3.2.2. Shelf Life and ODP Calculation
 - 3.2.3. Labeling Analysis
- 3.3. Good Manufacturing Practices
 - 3.3.1. Standard Operating Procedures: Manufacturing and Packaging
 - 3.3.2. Third Party Contracts
 - 3.3.3. Hygiene and Personnel Training
- 3.4. Traceability
 - 3.4.1. Standard Operating Procedures: Off-Spec Products
 - 3.4.2. Cosmetovigilance
 - 3.4.3. Product Recalls
- 3.5. European Portal Registration Procedures
 - 3.5.1. Registering the Person in Charge
 - 3.5.2. Cosmetic Product Registration
 - 3.5.3. Framework Formula
- 3.6. Cosmetic Product Safety Report
 - 3.6.1. Regulation 1223/2009: Annex I
 - 3.6.2. Product Dossier
 - 3.6.3. Safety Assessment: Toxicological Profile
- 3.7. Skin Compatibility Studies
 - 3.7.1. Skin, Ocular and Mucosal Compatibility Studies
 - 3.7.2. Labeling Claims
 - 3.7.3. SPF Studies

- 3.8. Cosmetic Efficacy Studies
 - 3.8.1. Studies on Efficacy
 - 3.8.2. In vitro-In vivo
 - 3.8.3. Ex Vivo- In Silico
- 3.9. Sensory Analysis
 - 3.9.1. Sensory Analysis Studies
 - 3.9.2. Instrumental Tests
 - 3.9.3. Questionnaires and Assessment Criteria
- 3.10. Claims Regulation
 - 3.10.1. Regulation 655/2013: Common Criteria
 - 3.10.2. Guidelines to Substantiate Claims
 - 3.10.3. "Free" Labeling Claims

“*An unparalleled opportunity to implement in your practice the most innovative and cutting-edge strategies related to R&D and development of cosmetic products*”



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.





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 be confronted with multiple simulated clinical cases based on real patients, in which they will have to investigate, establish hypotheses and ultimately, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Pharmacists learn better, more quickly 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. Gervas, 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, attempting to recreate the actual conditions in a pharmacist's professional 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. Pharmacists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their 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.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.

Pharmacists 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, more than 115,000 pharmacists have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. This pedagogical methodology is developed in a highly demanding environment, with a university student body with a high socioeconomic profile and an average age of 43.5 years.

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 created specifically for the course by specialist pharmacists who will be teaching the course, so that the didactic development is highly specific and accurate.

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.



Video Techniques and Procedures

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, you can watch them as many times as you want.



Interactive Summaries

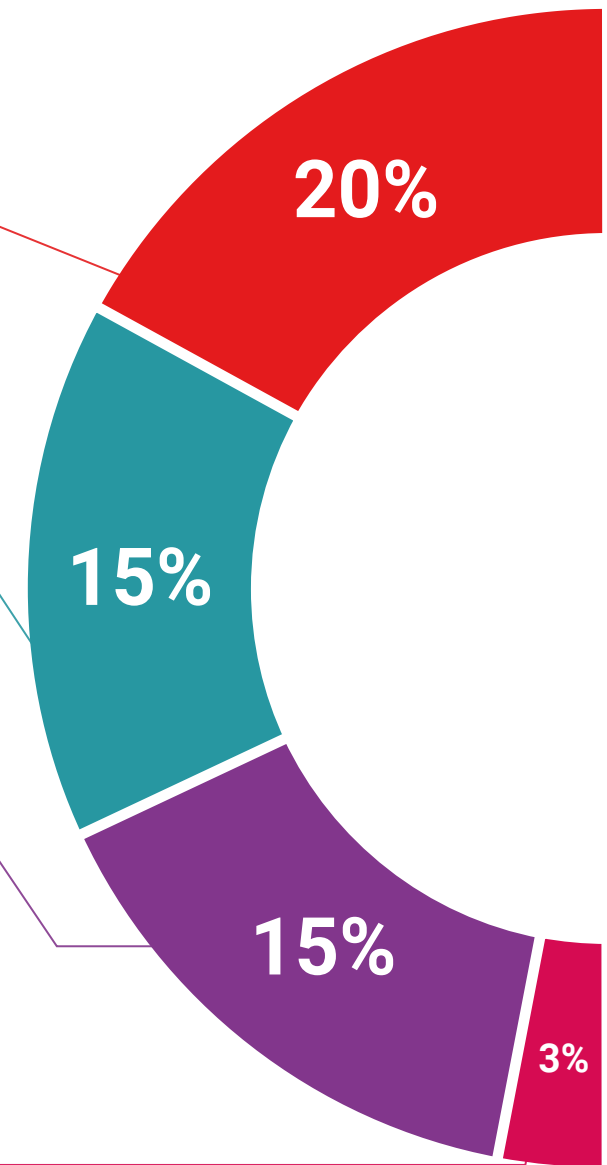
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This unique multimedia content presentation training system 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, we will present you with real case developments in which the expert will guide you through 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.



06

Certificate

The Postgraduate Diploma in Regulation of Cosmetic Products guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



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

This **Postgraduate Diploma in Regulation of Cosmetic Products** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Regulation of Cosmetic Products**

Official N° of hours: **450 h.**



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

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development language
virtual classroom

tech technological
university

Postgraduate Diploma Regulation of Cosmetic Products

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

Postgraduate Diploma

Regulation of Cosmetic Products