

# 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.techtitute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-regulation-cosmetic-products](http://www.techtitute.com/pk/medicine/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

The medical professional, in addition to being aware of the latest advances in medicine and their method of employability, must make sure to fully comply with the current regulations governing medicine and its application. In order for a drug or, in this case, cosmetic to be used as a treatment for a skin condition, it must have been approved by an expert committee that has guaranteed its quality and effectiveness, otherwise there is a risk of side effects or worse, problems of a more serious nature. TECH offers this program, with its 100% online format, for the medical professional to update their knowledge on the latest regulatory developments in the use of cosmetics.



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*With this program, the professional will delve into the medical, hygienic and quality regulation of cosmetic products, allowing them to know the latest evaluative standards"*

The production and mass production of cosmetics must be regulated and supervised to meet the standards required by the field of action. This process depends to a great extent on an exhaustive analysis and quality control that serves to prevent adverse effects in medicated patients. In this way, the regulatory process becomes one of the most important and demanding to endorse a product.

This is why the presence of medical professionals is necessary in the rigorous process for the distribution of a product, who from their knowledge and experience seek excellence in each product, and that this in turn works under high quality standards. To this extent, the Postgraduate Diploma in Regulation of Cosmetic Products seeks, from its content, teaching staff and study material, to update the knowledge and study material, to update the knowledge of medical professionals so that they can identify, analyze and decide which cosmetics are and are not useful to treat skin conditions and diseases.

For this reason, TECH is launching this program in order to guide the physician through the informative path of updating and regulating cosmetic products. In addition, the program is an avant-garde, intensive and highly demanding educational program. The specialist will be able to delve into the regulatory processes that will allow them to identify viable and non-viable products for the different types of different types of treatment.

This innovative program designed by TECH has a first class theoretical and practical content, specifically selected to bring out the highest potential of its graduates. To do this, the student can access the virtual campus whenever they want, meaning you can also download all the content of the program to study it whenever you want to.

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 the self-assessment process can be carried out to improve learning
- ♦ 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



*With this program, you will be able to update your knowledge in the relevant regulations of the elaboration of cosmetic products"*

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*Access the content of the Virtual Campus to get up to date with the latest updates in the dermatological sector to identify the due process of cosmetic products and their regulation for medical use”*

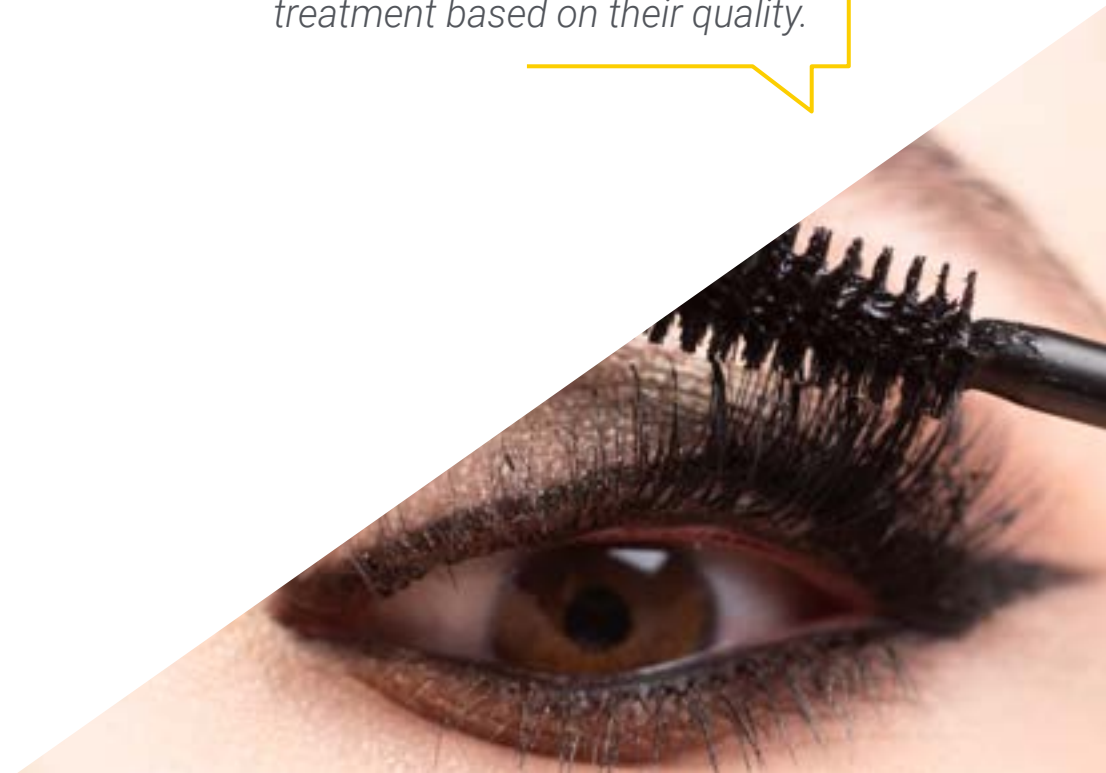
The program includes, in its teaching staff, professionals from the sector who bring to this program the experience of their work, in addition to recognized specialists from prestigious reference societies and universities.

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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Find out what the current requirements are for the endorsement of cosmetics, identifying from your role as a doctor if they are viable for use of dermatological problems.*

*Identifies the best cosmetic products that can help the patient's dermatological treatment based on their quality.*



# 02 Objectives

The main objective of this program is to show the medical professional the protocol to follow in the regulation of cosmetic products, based on the main standards required by the medical field. For this reason, this program will guide and provide updated information and postulates of experienced professionals to the practitioners, in addition to providing cutting-edge material and at the same time full of clinical research tools, for a constant modernization of knowledge.





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*You will learn about the latest developments on the regulatory process in each country, allowing you to get up to date on banned and endorsed products”*



## General Objectives

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- ◆ 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

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*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"*





## Specific Objectives

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### 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 CPNP Registration requirements

### 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

03

# Course Management

The teaching staff for this Postgraduate Diploma in Cosmetic Products has been selected for their ability and experience in the field. Highly qualified and active teachers who will guide the professional's path during the development of the course, allowing him/her to have a direct access channel for the resolution of problems, doubts and concerns. In addition to this, these are professionals who have taken the time to select each specific topic for its correct exposition.





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*You will update your knowledge on the evaluation method of cosmetic products, identifying their quality, efficacy and regulation for the benefit of dermatological treatments”*

## 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
- ◆ Certificate in Nutrition and Dietetics, University of Granada

## Professors

### Dr. Abril González, Concepción

- ♦ Chemist Chromatography Specialist, 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
- ♦ Master's Degree in Professional Specialization in Pharmacy: Pharmaceutical Industry, University of Seville
- ♦ Master's Degree in Cosmetics and Dermopharmacy from the University of Seville
- ♦ Degree in Chemistry, University of Seville

### Ms. Aguado Ruiz, Belén

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



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

# 04

# Structure and Content

The syllabus of this University Expert in Regulation of Cosmetic Products has been designed by an experienced faculty that from its interpretative capacity has been able to discern about the most effective cosmetic products in the field. With a duration of 450 hours, the program promises to guide the medical professional on their way to update their knowledge in the on their way to updating their knowledge in the regulation of products and their quality at the time of medical treatment.







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*Update your knowledge on cosmetic product regulation to know the feasibility and effectiveness of cosmetic products"*

## 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. Regulation Department: Function
  - 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: The 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. Transversal 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 Cosmetic 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. Compact: 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- Compatibility
  - 3.1.2. Preservative efficacy
  - 3.1.3. Process Control
- 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. 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.





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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 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.



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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. 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.*



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.





**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.



# 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 certificate 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 certificate 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

**tech** technological  
university

personalized service innovation

knowledge present

online training

development language

virtual classroom

## 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