



Quality Control and Effectiveness in Cosmetic Products

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Credits: 6 ECTS

» Schedule: at your own pace

» Exams: online

 $We bsite: {\color{blue}www.techtitute.com/us/pharmacy/postgraduate-certificate/quality-control-effectiveness-cosmetic-products}$

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tech 06 | Introduction

Although each country has its own regulations, the truth is that companies engaged in the manufacture and/or distribution of cosmetic products have to go through a series of strict quality controls if they wish to guarantee the viability and commercialization of the product. To this end, they can count on their own departments that are responsible for ensuring the invulnerability and safety of the processes at all times, checking the specifications and the state of the raw materials, the quantities, the side effects, carrying out impact studies, regulating the optimum atmospheric conditions for production, etc.

As this is a sector in constant evolution based on the scientific advances that are constantly occurring in the field of pharmacology, keeping up to date has become a complex task for many professionals. For this reason, having a program such as this Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products is, without a doubt, a unique opportunity to update your knowledge in a way that is compatible with your work activity. It is a multidisciplinary and immersive qualification that delves into the intricacies of traceability and safety, focusing also on the importance of efficacy studies and sensory analysis.

For this, the graduate will have 180 hours of the best content, designed by experts in the area and framed in a comfortable, versatile and accessible 100% online format. This includes: theoretical syllabus, case studies, self-knowledge exercises, complementary readings, research articles and dynamic summaries. In conclusion, everything you need to get the most out of an educational experience that will undoubtedly provide you with the most up-to-date information to perfect your professional skills.

This Postgraduate Certificate in Quality Control and Effectiveness 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



Would you like to update your knowledge for good manufacturing practice? Choose this Postgraduate Certificate and get it in less than 6 weeks"

Introduction | 07 tech



You will have 180 hours of the best theoretical, practical and additional content, which you will be able to access from any device with an internet connection at any time"

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.

A Postgraduate Certificate with which you can work on improving your cosmetovigilance skills based on the latest developments in the sector.

In the Virtual Classroom, you will find detailed videos, research articles and complementary readings with which you will be able to expand your knowledge in a personalized way.





tech 10 | Objectives



General Objectives

- Develop a global vision of the manufacturing process of a cosmetic product, from the initial idea to its launching on the market
- Analyze the processes that take place from the reception of raw materials to their final distribution, as well as the implementation of good manufacturing practices, quality control and validation of the processes, and the different water purification treatments as the main raw material used in the formulation of cosmetics
- To examine the raw materials used for the development of new cosmetic products
- Establishing the different ways of formulating cosmetic products







Specific Objectives

- 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 Effectiveness Justification



If your objectives include learning in detail about the latest scientific evidence related to the implementation of skin compatibility studies, this program is perfect for you"





tech 14 | Course Management

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

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



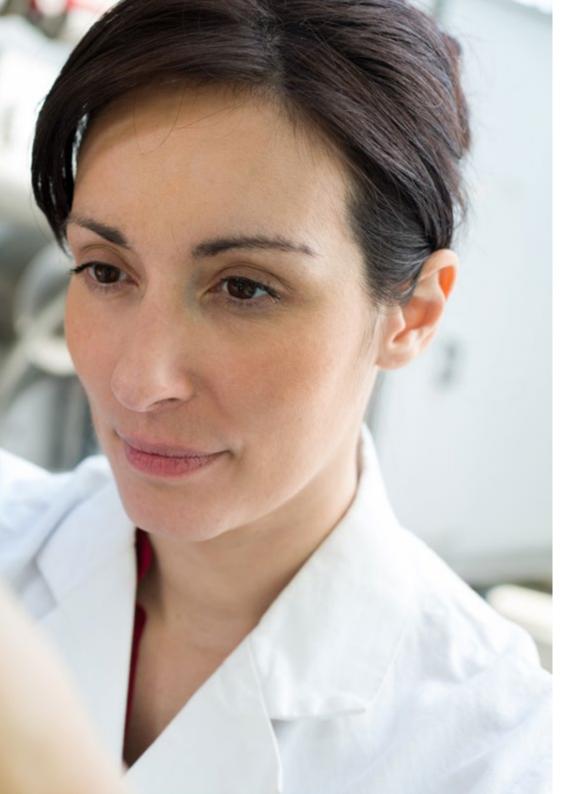


tech 18 | Structure and Content

Module 1. Quality Control, Effectiveness and Safety in Cosmetics

- 1.1. Quality Controls
 - 1.1.1. Stability and Compatibility
 - 1.1.2. Preservative Efficacy
 - 1.1.3. Controls in Process
- 1.2. Article 19 Cosmetics Regulation Based on Study Results
 - 1.2.1. ISO Definitions for Products Susceptible of Microbiological Risk
 - 1.2.2. Shelf Life and ODP Calculation
 - 1.2.3. Labeling Analysis
- 1.3. Good Manufacturing Practices
 - 1.3.1. Standard Operating Procedures: Manufacturing and Packaging
 - 1.3.2. Third Party Contracts
 - 1.3.3. Hygiene and Personnel Training
- 1.4. Traceability
 - 1.4.1. Standard Operating Procedures: Off-Spec Products
 - 1.4.2. Cosmetovigilance
 - 1.4.3. Product Recalls
- 1.5. Procedures for Registration in the European Portal
 - 1.5.1. Registering the Person in Charge
 - 1.5.2. Cosmetic Product Registration
 - 1.5.3. Framework Formula
- 1.6. Cosmetic Product Safety Report
 - 1.6.1. Regulation 1223/2009: Annex I
 - 1.6.2. Product Dossier
 - 1.6.3. Safety Assessment: Toxicological Profile
- 1.7. Skin Compatibility Studies
 - 1.7.1. Skin, Ocular and Mucosal Compatibility Studies
 - 1.7.2. Labeling Claims
 - 1.7.3. SPF Studies





Structure and Content | 19 tech

- 1.8. Cosmetic Effectiveness Studies
 - 1.8.1. Studies on Effectiveness
 - 1.8.2. In vitro-ln vivo
 - 1.8.3. Ex Vivo- In Silico
- 1.9. Sensory Analysis
 - 1.9.1. Sensory Analysis Studies
 - 1.9.2. Instrumental Tests
 - 1.9.3. Questionnaires and Assessment Criteria
- 1.10. Claims Regulation
 - 1.10.1. Regulation 655/2013: Common Criteria
 - 1.10.2. Guidelines to Substantiate Claims
 - 1.10.3. "Free" Labeling Claims



The time has come to make a key decision for your future. Are you betting on a degree that is committed to you and your profession?"

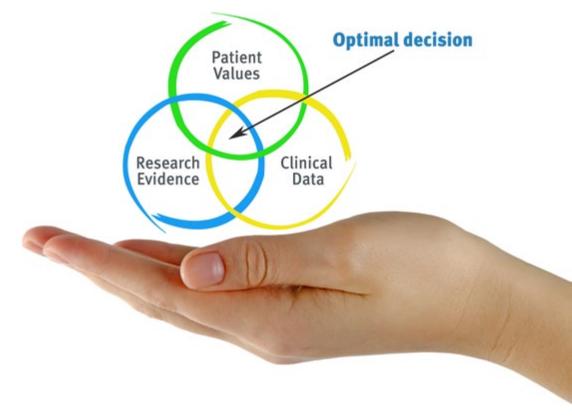


tech 22 | Methodology

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. 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, attempting to recreate the actual conditions in a pharmacist'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. 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.



tech 24 | Methodology

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.



Methodology | 25 tech

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology, 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.

tech 26 | Methodology

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

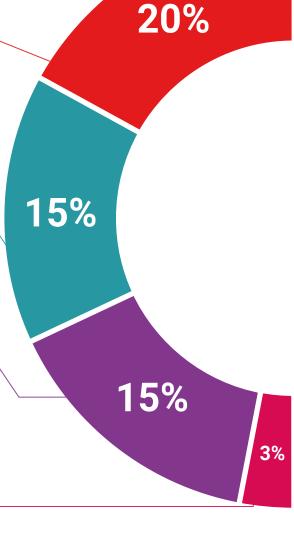
TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current pharmaceutical care procedures. All of this, first hand, and explained and detailed with precision to contribute to assimilation and a better understanding. And best of all, you can watch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

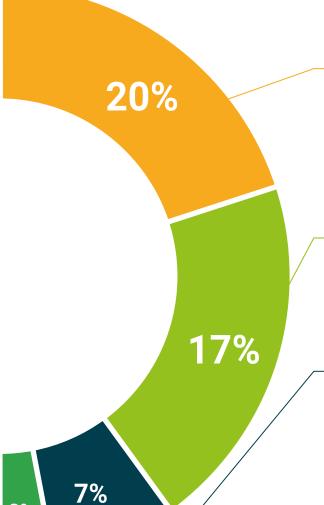
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".





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.







tech 30 | Certificate

This program will allow you to obtain your **Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



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

Postgraduate Certificate in Quality Control and Effectiveness of Cosmetic Products

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

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

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



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



Postgraduate Certificate

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