

Postgraduate Certificate

Skin Diagnosis Applied to Cosmetics



Postgraduate Certificate Skin Diagnosis Applied to Cosmetics

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/pharmacy/postgraduate-certificate/skin-diagnosis-applied-cosmetics

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 different types of skin that exist, as well as the specific characteristics of each of them, give more value to the importance of diagnostic processes. Based on this, pharmaceutical professionals with an interest in the cosmetic sector must know how to detect the dermatological needs of each client, being able to adapt the recommended treatment in a personalized way. And for this, TECH has developed this very complete program, focused on updating you on the diagnostic strategies and techniques that are currently having the best results. All this through a 100% online Postgraduate Certificate with which you will be able to delve into the most common alterations and the most innovative aspects for cosmetic treatment.





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Investing in this program is a safe bet, as you are guaranteed to update your knowledge of skin diagnostics and cosmetics in less than 12 weeks”

Different studies have shown that the application of cosmetics for the treatment of different skin conditions can favor their disappearance, positively influencing not only the recovery of the skin's health, but also the psychological improvement of the patient, sometimes associated with his or her appearance. However, this requires a series of specific and updated knowledge on the main diagnostic techniques that allow the professional to identify in a concrete and austere way the type of pathology that the person suffers.

For that reason, this Postgraduate Certificate is perfect for all those specialists who are looking to catch up on the advances that have been made in the pharmaceutical sector related to this area. It is a program designed by experts in cosmetic science and developed over 12 weeks in which the graduate will be able to delve into the different aspects of skin care and current recommendations to treat keratinization, sebaceous secretion, pigmentation, skin aging, hair and scalp alterations and problems related to the oral cavity.

For this you will have access to 300 hours of the best theoretical, practical and additional material, presented in a convenient and accessible 100% online format. In addition, you will have the support of a teaching team specialized in the area, which will be available whenever you need it to solve your doubts. It is, therefore, a unique opportunity to work on the improvement of your professional skills through an austere, dynamic, multidisciplinary qualification, adapted to your educational needs.

This **Postgraduate Certificate in Skin Diagnosis Applied to Cosmetics** 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 work on the latest developments in pharmaceutical cosmetics and their application in the treatment of keratogenesis and melanogenesis"

“

A Postgraduate Certificate designed by experts in cosmetic science and aimed at pharmaceutical specialists seeking to be up to date on the treatment of different skin alterations”

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.

The design of this program focuses on Problem-Based Learning, through which 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.

All the content will be available from the beginning of the educational activity and can be downloaded to any device with an internet connection.

You will not find a 100% online program that better suits your educational needs than this Postgraduate Certificate.



02

Objectives

The objective of this Postgraduate Certificate presented by TECH is to guide the graduate in updating their knowledge through the provision of the best academic tools and the most austere and innovative information related to skin diagnosis applied to pharmaceutical cosmetics. For this purpose, you will have no fewer than 300 hours of theoretical and practical material and 12 weeks to consult it.





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A versatile and dynamic option to delve into aspects such as skin functions and their link with cosmetics through a syllabus based on the latest developments in the pharmaceutical sector"



General Objectives

- ◆ Identify skin alterations affecting keratinization, sebaceous secretion, vascularization and pigmentation
- ◆ Identify the alterations produced by aging
- ◆ Identifying hair and scalp disorders
- ◆ Identify the alterations of the oral cavity

“

TECH designs its qualifications always thinking about the needs of professionals like you For this reason, graduates who access their qualifications complete them having achieved all of their objectives”





Specific Objectives

Module 1. Cutaneous Application in Cosmetics

- ◆ Identify the different layers of the skin and their morphology
- ◆ Determine the weight, thickness and coloration of the skin
- ◆ Determine the cutaneous microrelief: skin eminences, cones and orifices
- ◆ Determine epidermal and dermal physiology
- ◆ Determine and identify the cutaneous adnexa, features and physiology
- ◆ Analyze skin functions
- ◆ Determine and identify the different skin types and features

Module 2. Skin Alterations in Cosmetics

- ◆ Identify alterations in keratinization
- ◆ Determine sebaceous secretion alterations
- ◆ Determine pigmentation disorders
- ◆ Specify cutaneous aging process alterations
- ◆ Introduce hair and scalp alterations
- ◆ Determine oral cavity dysfunctions and problems

03

Course Management

The faculty of this program is composed of pharmacists with a broad and extensive work experience in different specialties. This group of experts is also characterized by its human quality, an aspect that the graduate will be able to verify in the individualized tutorials that can be requested throughout the educational experience. In addition, they have been in charge of preparing the syllabus and selecting the additional material, guaranteeing the specificity and austerity of the content of this Postgraduate Certificate.



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You will have simulations of real cases, so that you can work in a practical way to improve your professional skills"

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. Vérez Cotelo, Natalia

- ◆ Pharmacist
- ◆ Municipal pharmacist inspector in the Department of Health of the Regional Government of Galicia
- ◆ Primary Care Pharmacist
- ◆ Assistant pharmacist
- ◆ Researcher specializing in Pharmaceutical Care and Pharmacotherapeutic Follow- pharmacotherapeutic
- ◆ Author of several articles published in specialized magazines. Author of Multiple articles published in specialized journals
- ◆ Teacher in university studies of Pharmacy
- ◆ PhD in Psychology, UNED
- ◆ Degree in Pharmacy, University of Santiago de Compostela



04

Structure and Content

TECH is a pioneer in the use of the Relearning methodology for the development of the content of all its degree. This pedagogical strategy consists of reiterating concepts throughout the syllabus, favoring a progressive and natural updating of knowledge. Thanks to this, the graduate does not have to invest long and tedious hours in memorizing, achieving a dynamic and austere updating and guaranteeing the durability of the information for a longer period of time.



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TECH uses the effective and innovative Relearning methodology in its programs, so that you don't have to invest extra hours in memorizing”

Module 1. Cutaneous Application in Cosmetics

- 1.1. Skin. Cosmetics and the Skin Barrier
 - 1.1.1. The Skin: The Cutaneous Border
 - 1.1.2. The Skin Surface: Skin Microclimate and Cosmetics
 - 1.1.3. Skin Protection and Cosmetics
- 1.2. Epidermis: First in Cosmetics Action
 - 1.2.1. Relationship of its Structure with Alterations of Cosmetic Interest
 - 1.2.2. Epidermis Cell junctions and Cohesion: Relationship with Cosmetics
 - 1.2.3. The Layers of the Epidermis Relationship with Cosmetics
- 1.3. Dermis and Subcutaneous Cellular Tissue: Second Site of Action of Cosmetics
 - 1.3.1. Dermis. Structure Relation and Physiology with Alterations of Cosmetic Relevance
 - 1.3.2. Fatty Subcutaneous Cellular Tissue Structure Relation and Physiology with Alterations of Cosmetic Relevance
 - 1.3.3. Cutaneous Vascularization and Innervation. Relationship with Cosmetic Alterations
 - 1.3.4. Relationship with Cosmetic Alterations
- 1.4. Keratogenesis and Melanogenesis: Link to Cosmetics
 - 1.4.1. Keratogenesis: Relationship with Alterations of Cosmetic Relevance
 - 1.4.2. Melanogenesis: Relationship with Alterations of Cosmetic Relevance
 - 1.4.2.1. Melanin. Relationship with Skin Protection
- 1.5. Sebaceous and Sweat Glands: Link to Cosmetics
 - 1.5.1. Sebaceous Glands: Structure Relation and Physiology with Alterations of Cosmetic Relevance
 - 1.5.2. Sweat Glands: Structure Relation and Physiology with Alterations of Cosmetic Relevance
 - 1.5.3. Cutaneous Secretions: Relationship with Cosmetic Application



- 1.6. Hair: Relationship with Cosmetics
 - 1.6.1. Hair Structure and Chemistry: Relationship with Cosmetic Application
 - 1.6.2. Hair and Hair Physiology: Relationship with Cosmetic Hair Treatments
 - 1.6.3. Hair Renewal Cycles: Relationship with Cosmetic Hair Treatments
- 1.7. Nails: Relationship with Cosmetics
 - 1.7.1. Nail Anatomy and Physiology: Relationship with Cosmetic Application
 - 1.7.2. The Nail Plate: Relationship with Cosmetic Application
 - 1.7.3. Factors that Affect Nail Growth: Relationship with Cosmetic Nail Treatments
- 1.8. Cutaneous Functions: Relationship with Cosmetics
 - 1.8.1. Functions of the Skin. Relationship with Cosmetic Application
 - 1.8.2. The Skin Barrier and Skin Protection
 - 1.8.3. Cutaneous Microbiota and Its Importance in Cosmetic Care
- 1.9. Skin Typology and Cosmetic Advice
 - 1.9.1. Skin Type Classification according to Epicutaneous Emulsion Cosmetic Advice
 - 1.9.1.1. Eudermic Skin
 - 1.9.1.2. Dry Skin
 - 1.9.1.3. Oily Skin
 - 1.9.2. Other Skin Types: Cosmetic Advice
 - 1.9.3. Factors that Affect Skin Condition
 - 1.9.4. Skin according to Sex and Ethnicity
 - 1.9.5. Skin during Pregnancy
 - 1.9.6. Skin in the Elderly
- 1.10. Skin Permeability: Relation to Cosmetic Penetration
 - 1.10.1. Percutaneous Absorption
 - 1.10.2. The Corneal Barrier
 - 1.10.3. Cutaneous Penetration Routes
 - 1.10.4. Topical Substance Penetration
 - 1.10.5. Factors that Affect Penetration
 - 1.10.6. Mechanisms that Promote Penetration

Module 2. Skin Alterations in Cosmetics

- 2.1. Keratinization Disorders
 - 2.1.1. Diffuse and Regional Hyperkeratosis
 - 2.1.2. Squamous Keratoses
 - 2.1.3. Preepitheliomatous Keratoses
 - 2.1.4. Warts
 - 2.1.5. Circumscribed Keratosis
 - 2.1.6. Dermatitis and eczema
- 2.2. Sebaceous Secretion Alterations
 - 2.2.1. Seborrhea
 - 2.2.2. Acne
 - 2.2.2.1. Types of Lesions
 - 2.2.2.2. Mechanism in Acne Production
 - 2.2.2.3. Factors that Aggravate Acne
 - 2.2.2.4. Types of Acne
- 2.3. Microvascularization Alterations
 - 2.3.1. Eritemas
 - 2.3.2. Telangiectasias
 - 2.3.3. Rosacea and Couperose
 - 2.3.4. Varicose Veins and Microvaricose Veins
 - 2.3.5. Angiomas
- 2.4. Pigmentary Alterations
 - 2.4.1. Hyperchromias
 - 2.4.1.1. Melasma
 - 2.4.1.2. Lentigos
 - 2.4.1.3. Nevi or Moles
 - 2.4.1.4. Ephelides
 - 2.4.1.5. Senile Pigmentations
 - 2.4.1.6. Hyperchromia due to Photosensitization

- 2.4.2. Achromias
- 2.4.3. Hypochromias
 - 2.4.3.1. Vitiligo
 - 2.4.3.2. Eczematides
 - 2.4.3.3. Hypomelanosis Guttata
- 2.5. Skin Aging
 - 2.5.1. General Visible Changes
 - 2.5.2. Histological Changes
 - 2.5.3. Causes of Skin Aging
 - 2.5.4. Photoaging
 - 2.5.5. Skin Phototypes
- 2.6. Body Alterations in Connective and Subcutaneous Tissues
 - 2.6.1. Overweight and Obesity
 - 2.6.2. Stretch Marks
 - 2.6.3. Flaccidity
 - 2.6.4. Elastosis
- 2.7. Body Alterations related to Microvascularization
 - 2.7.1. Cellulite
 - 2.7.1.1. The Way they are Formed
 - 2.7.1.2. Features
 - 2.7.1.3. Evolution
 - 2.7.1.4. Types of Cellulite
 - 2.7.1.5. Diagnosis
 - 2.7.1.6. Factors that Trigger the Disease
 - 2.7.2. Heavy Legs
- 2.8. Hair Quantity Alterations
 - 2.8.1. Hypotrichosis
 - 2.8.2. Hypertrichosis
 - 2.8.3. Hirsutism



- 2.9. Scalp and Hair Alterations
 - 2.9.1. Scalp Alterations
 - 2.9.1.1. Seborrhea
 - 2.9.1.2. Dehydration
 - 2.9.1.3. Pityriasis
 - 2.9.2. Hair Alterations
 - 2.9.2.1. Structural Hair Alterations
 - 2.9.2.2. Chromatic Hair Alterations
 - 2.9.3. Alopecia
- 2.10. Oral Cavity Dysfunctions and Problems
 - 2.10.1. Cavities
 - 2.10.2. Gingivitis and Periodontitis
 - 2.10.3. Xerostomia
 - 2.10.4. Oral and Dental Hygiene



Enroll now in this Postgraduate Certificate and start an educational experience that will undoubtedly mark a before and after in your professional Trajectories"

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 Certificate in Skin Diagnosis applied to Cosmetics guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate 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 Certificate in Skin Diagnosis applied to Cosmetics** 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 Certificate** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Certificate in Skin Diagnosis applied to Cosmetics**

Official N° of hours: **300 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

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