

# Postgraduate Diploma

## Aesthetic Diagnosis



## Postgraduate Diploma Aesthetic Diagnosis

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Dedication: 8h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/pk/dentistry/postgraduate-diploma/postgraduate-diploma-aesthetic-diagnostics](http://www.techtute.com/pk/dentistry/postgraduate-diploma/postgraduate-diploma-aesthetic-diagnostics)

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# 01

# Introduction

For most people, their smile is their main facial expression. Society is widely aware of oral hygiene, and many invest in achieving dental harmony through a healthy, beautiful and clean set of teeth. That is why professionals in this field must perform a careful analysis of each patient to determine how to improve the aesthetics of the mouth by specifically treating deficiencies or conditions. Therefore, possessing detailed knowledge of the latest diagnostic strategies, as well as whitening, waxing and periodontic techniques as the most requested procedures, is fundamental to offering the best service guaranteed. This 100% online course provides an update on recent biomimetic advances, and on the management of the most innovative dental and photographic tools in current practice.





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*Would you like to be able to apply the most innovative, effective and long-lasting whitening and waxing techniques? Get to know them all with this magnificent Postgraduate Diploma”*

Advances in technology have also greatly benefited clinical dentistry. A clear example of this is the use of digital photography as a diagnostic and communication tool, thanks to which it is possible to detect conditions that are not visible to the naked eye. This tool produces images of the treatments to be applied for the purposes of, on the one hand, informing the patient of potential results and, on the other, keeping track of the patient's progress. Society is increasingly concerned about oral health, not only in terms of care and disease prevention, but also in terms of aesthetics. However, the debate as to whether the eyes or the smile is more personal is still to be resolved.

The design behind this comprehensive Postgraduate Diploma in Aesthetic Diagnosis is based on TECH's principle to offer a wide range of postgraduate academic programs, and its purpose is to provide Clinical Dentistry professionals with an update course in the field. Specialists will be able to delve into the latest developments in facial and smile analysis, as well as the most innovative techniques in whitening, waxing and applied periodontics. They will also work with the latest imaging tools and their application in dentistry.

All this in a six-month, 100% online academic experience that includes 750 hours of diverse material: the syllabus, prepared by a teaching team specialized in the area, use cases extracted from their consultations and diverse additional material presented in different multimedia formats. That way, our students will be able to update their knowledge based on their needs and requirements, without having to worry about face-to-face classes or fixed schedules. Moreover, the flexibility of the Virtual Campus will allow them to connect whenever you want and from any device with an Internet connection, whether a PC, tablet or mobile device.

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

- ♦ Case studies presented by experts in Clinical Dentistry
- ♦ 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
- ♦ 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 applied periodontics based on the most advanced aesthetic gingival analysis strategies in dentistry”*

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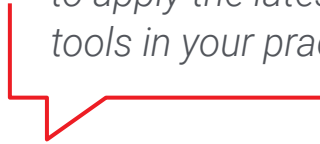
*You will benefit from 750 hours of diverse material: the syllabus, clinical cases based on real situations, and high-quality multimedia content”*

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.

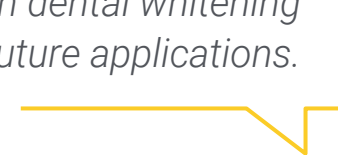
The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*The program design guarantees you will acquire advanced skills to apply the latest diagnostic tools in your practice.*



*You will be able to keep up with multidisciplinary therapeutic protocols in dental whitening and their future applications.*



# 02 Objectives

This Postgraduate Diploma in Aesthetic Diagnosis was developed with the aim of serving dental professionals as a guide for and update on the latest developments in Aesthetic Diagnosis. They will enjoy 750 hours of the best theoretical, practical and additional material, all condensed in a convenient 100% online format, compatible with any device with an Internet connection. That way, our students will be able to work on perfecting their professional competences in a way that is compatible with their work practice.







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*If your objectives include mastering basic and advanced periodontal stabilization, this Postgraduate Diploma will allow you to keep up with the most innovative techniques to do so”*



## General Objectives

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- Update knowledge based on the latest scientific evidence of the materials and technology primarily used in restorative dentistry
- Encourage professional stimulation through continuing education and research

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*You will receive a detailed and thorough explanation of each module, which also includes examples and use cases to contextualize the information in the syllabus”*





## Specific Objectives

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### Module 1. Aesthetic Diagnosis

- ♦ Establish the importance of the psychosocial factor in modern dentistry
- ♦ Perform aesthetic analysis from the measurement of different facial, dental and gingival parameters

### Module 2. Whitening

- ♦ Typify the different bleaching materials and application techniques that are currently available
- ♦ Establish an action protocol for each clinical situation
- ♦ Establish the limits, advantages, and disadvantages of each technique
- ♦ Be able to apply bleaching techniques in a multidisciplinary context

### Module 3. Waxing

- ♦ Define the main waxing techniques, suitable tools and different materials
- ♦ Establish the main anatomical characteristics of each tooth and their practical implications
- ♦ Explain the appropriate procedures for waxing anterior and posterior teeth
- ♦ Apply these techniques as key tools in diagnostic and therapeutic planning

### Module 4. Applied periodontology

- ♦ Expand knowledge in periodontics applied to restorative dentistry and prosthodontics
- ♦ Provide the dentist with the adequate analysis tools for the selection of the appropriate technique for each clinical situation
- ♦ Establish the most common techniques for clinical crown lengthening procedures
- ♦ Establish a practical classification of the different materials used in the industry

### Module 5. Photography

- ♦ Identify the different techniques of applied dental photography

03

# Course Management

TECH has received hundreds of applications to fill the teaching faculty of this program. Only the most qualified professionals were selected so as to create a faculty of the highest academic level. The specialists on the program are versed in Clinical Dentistry and have detailed knowledge of the latest advances in Aesthetic Diagnosis. Thanks to this, our students will be able to update their knowledge with the best, via an academic experience that will provide them with everything they need to achieve this in just six months.





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*The teaching staff will be available to answer any questions you may have during the course of the program via the Virtual Campus”*

## Management



### Dr. Ilzarbe Ripoll, Luis María

- ♦ Degree in Dentistry from the University of Valencia
- ♦ Specialist in Aesthetic Dentistry, exclusively at Ilzarbe Garcia-Sala dental clinic
- ♦ Master's Degree in University Research Training, Catholic University of Valencia
- ♦ Master's Degree in Prosthodontics and Occlusion at E.S.O.R.I.B
- ♦ Master's Degree in Comprehensive Periodontics
- ♦ Master's Degree in Oral Rehabilitation and Implantology at E.S.O.R.I.B
- ♦ D.U.I. in Maxillofacial Surgery and Implantology, Université Paul Sabatier de Toulouse
- ♦ Expert in all-ceramic prosthesis from the Complutense University of Madrid



# 04

## Structure and Content

The content on this Postgraduate Diploma has been developed following the specifications of the Relearning methodology, which this university pioneered. Its teaching strategy consists of reiterating the most important concepts throughout the syllabus, favoring a natural and progressive assimilation of the knowledge covered. So, our students will not have to invest additional hours in rote memorization, but will be able to personalize their study of each section in the syllabus thanks to the additional material included on the program.







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*In the Virtual Campus you will find detailed videos, research articles, complementary readings and much more additional material to delve into the different sections of the syllabus in a personalized way"*

## Module 1. Aesthetic Diagnosis

- 1.1. Aesthetic Analysis. Principles of Biomimetics
  - 1.1.1. Facial Analysis
  - 1.1.2. Smile Analysis
- 1.2. Color Theory. Diagnostic Tools
  - 1.2.1. The Nature of Color
  - 1.2.2. Color Parameters
  - 1.2.3. Estimation Technique (Subjective) with Analog Guidance
  - 1.2.4. Other Factors that Influence Perception
  - 1.2.5. Color Matching Clinical Process
  - 1.2.6. Objective Methods of Chromatic Estimation (Digital Guides)
- 1.3. Practical Application of Color
  - 1.3.1. Practical Application of Dental Color and Shade Guides
  - 1.3.2. Clinical Protocol for Successful Color Imaging
  - 1.3.3. Dental Stains
  - 1.3.4. Color as a Key Factor in Decision-Making with Composite Resins
  - 1.3.5. Color as a Key Factor in Decision-Making with Dental Ceramics
- 1.4. Communication with the Patient
  - 1.4.1. Current Diagnostic Tools. Communication Software
  - 1.4.2. Direct Mock-Up vs. Digital Simulation

## Module 2. Whitening

- 2.1. Teeth Whitening
  - 2.1.1. Etiopathogenesis of the Different Dental Discolorations
  - 2.1.2. Tooth Whitening Techniques and Materials. Therapeutic Protocols
- 2.2. Vital Tooth Whitening
  - 2.2.1. Techniques in the Consultation
  - 2.2.2. Home Techniques
- 2.3. Non-Vital Tooth Whitening
  - 2.3.1. Non-Vital Techniques in the Clinic and at Home
  - 2.3.2. Other Measures to Consider in Non-Vital Whitening Techniques
- 2.4. Multidisciplinary Treatment Protocols and Future Perspectives
  - 2.4.1. Tooth Whitening as a Therapeutic Support
  - 2.4.2. New Treatment Perspectives

## Module 3. Waxing

- 3.1. Waxing Techniques. Materials and Instruments
  - 3.1.1. Waxes
    - 3.1.1.1. Properties of Waxes
    - 3.1.1.2. Types of Waxing
    - 3.1.1.3. Features of Waxes
  - 3.1.2. Techniques and Equipment for Wax Pattern Making
    - 3.1.2.1. Terminology
    - 3.1.2.2. Parameters
    - 3.1.2.3. Tooth Trajectory
  - 3.1.3. Principles Required for the Technique
- 3.2. Posterosuperior Teeth Anatomy and Waxing
  - 3.2.1. First and Second Upper Premolar Anatomy and Waxing
    - 3.2.1.1. Common Features
    - 3.2.1.2. Maxillary First Premolar
    - 3.2.1.3. Maxillary Second Premolar
  - 3.2.2. Anatomy and wax-up of first and second lower molars
    - 3.2.2.1. Common Features
    - 3.2.2.2. Maxillary First Molar
    - 3.2.2.3. Maxillary Second Molar
- 3.3. Anatomy and Wax-Up of Posteroinferior Teeth
  - 3.3.1. Anatomy and wax-up of first and second upper premolars
    - 3.3.1.1. Common Features
    - 3.3.1.2. Mandibular First Premolar
    - 3.3.1.3. Mandibular Second Premolar
  - 3.3.2. Anatomy and wax-up of first and second lower molars
    - 3.3.2.1. Common Features
    - 3.3.2.2. Mandibular First Molar
    - 3.3.2.3. Mandibular Second Molar
- 3.4. Anterosuperior Teeth Anatomy and Waxing
  - 3.4.1. Maxillary Central Incisor Anatomy and Waxing
  - 3.4.2. Maxillary Lateral Incisor Anatomy and Waxing
  - 3.4.3. Maxillary Canines Anatomy and Waxing

- 3.5. Anteroinferior Teeth Anatomy and Waxing
  - 3.5.1. Mandibular Incisor Anatomy and Waxing
  - 3.5.2. Mandibular Canines Anatomy and Waxing
- 3.6. Practical Application of Anatomical Waxing
  - 3.6.1. Effective Clinical-Laboratory Communication
  - 3.6.2. Technique to Perform Mock-Ups
  - 3.6.3. Mock-Ups as Communicative and Technical Tools
  - 3.6.4. Mock-Ups as Diagnostic and Technical Tools

## Module 4. Applied Periodontology

- 4.1. Aesthetic Gingival Analysis. Symmetries/Asymmetries
  - 4.1.1. Modern Concept of Gingival Biotype. Update on the Definition of Biological Space
  - 4.1.2. Horizontal and Vertical Disharmonies. Classification
  - 4.1.3. Gingival Discoloration
- 4.2. Etiopathogenesis of Gingival Disharmonies
  - 4.2.1. Gingival Analysis
  - 4.2.2. Predisposing Factors and Causal Factors
- 4.3. Basic and Advanced Periodontal Stabilization
  - 4.3.1. Introduction and Classification
  - 4.3.2. Causes of Periodontal Disease
  - 4.3.3. Basic Periodontal Treatment
  - 4.3.4. Resection Techniques
  - 4.3.5. Predictability and Long-Term Results
- 4.4. Alternative Treatments
  - 4.4.1. Indications
  - 4.4.2. Surgical Techniques
  - 4.4.3. Gingivectomy
  - 4.4.4. Crown Lengthening
  - 4.4.5. Instruments and Materials
  - 4.4.6. Limits and Perspectives
- 4.5. Multidisciplinary Treatment of Gingival Smile
  - 4.5.1. Causes of Gingival Smile
  - 4.5.2. Predisposing Bone Factors
  - 4.5.3. Orthodontic Movements
  - 4.5.4. Applicable Surgical Treatments

## Module 5. Photography

- 5.1. Digital Photography
  - 5.1.1. Light Theory
    - 5.1.1.1. How is a Photograph Created?
  - 5.1.2. Technical Concepts
    - 5.1.2.1. Aperture opening ("F")
    - 5.1.2.2. Depth of Field
    - 5.1.2.3. Exposure Modes
    - 5.1.2.4. Approach
    - 5.1.2.5. Focal Length
    - 5.1.2.6. Shutter Speed ("SS")
    - 5.1.2.4. Sensitivity ("ISO")
    - 5.1.2.8. Exhibition
    - 5.1.2.9. Configuring the File Format
  - 5.1.3. Color Theory
    - 5.1.3.1. Color Space
    - 5.1.3.2. Color Dimensions
    - 5.1.3.3. Optical Phenomena
- 5.2. Equipment
  - 5.2.1. Cameras
  - 5.2.2. Artificial Illumination Methods
  - 5.2.3. Photography Support Systems
- 5.3. Applied Dental Photography
  - 5.3.1. Extraoral Dental Photography
  - 5.3.2. Intraoral Dental Photography
  - 5.3.3. Laboratory Photography and Models
- 5.4. The Importance of Photography as a Communication Tool
  - 5.4.1. Communication with the Patient
  - 5.4.2. Communication with the Laboratory

# 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

In a given situation, what should a professional do? 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 dentist'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. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply 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.

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.

*The student 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 we have trained more than 115,000 dentists with unprecedented success, in all specialties regardless of the workload. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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.



### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of 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

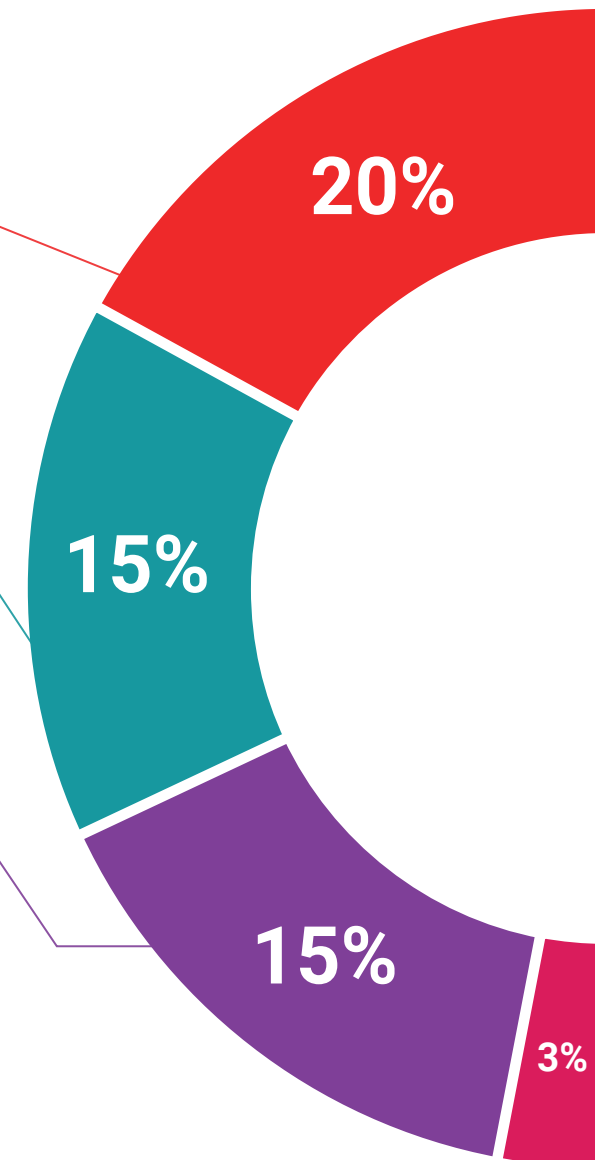
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

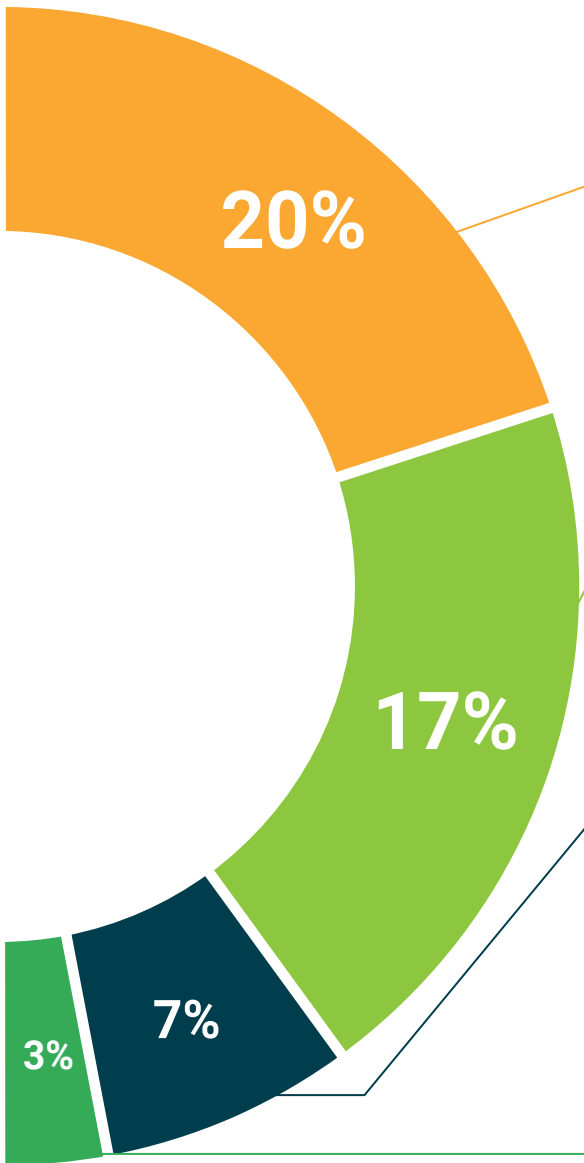
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### 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 suggesting that observing third-party experts can be useful.  
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 Aesthetic Diagnosis guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Diploma issued by TECH Technological University.



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

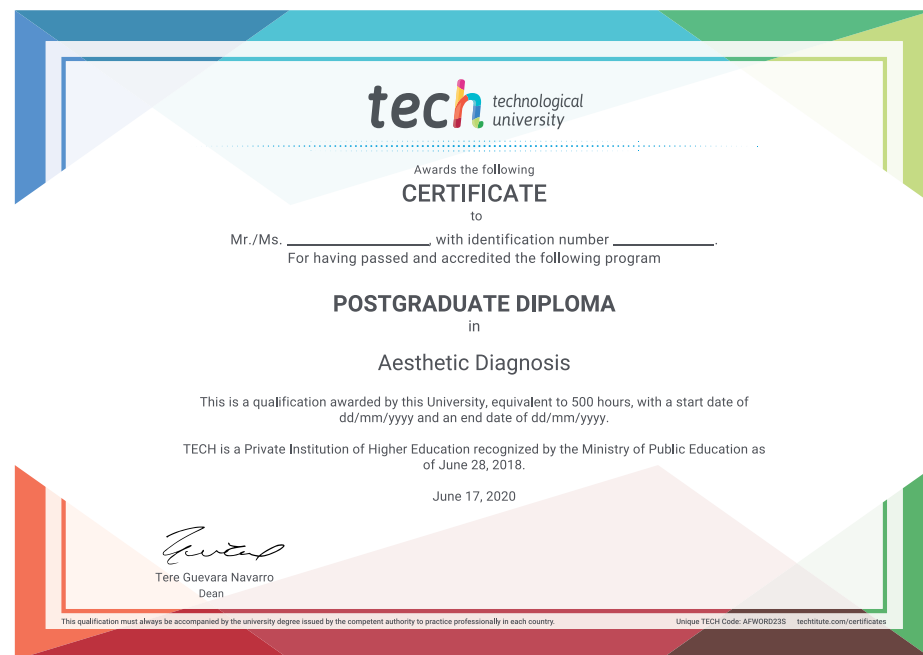
This **Postgraduate Diploma in Aesthetic Diagnosis** contains the most complete and up-to-date scientific program on the market.

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 Aesthetic Diagnosis**

Official N° of hours: **750 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

personalized service innovation

knowledge present quality

online training

development languages

virtual classroom

**tech** technological  
university

## Postgraduate Diploma Aesthetic Diagnosis

- › Modality: online
- › Duration: 6 months
- › Certificate: TECH Technological University
- › Dedication: 8h/week
- › Schedule: at your own pace
- › Exams: online

# Postgraduate Diploma

## Aesthetic Diagnosis

