

# Postgraduate Certificate

## Lighting and Color in Interior Design



## Postgraduate Certificate Lighting and Color in Interior Design

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

Website: [www.techtitute.com/in/design/postgraduate-certificate/lighting-color-interior-design](http://www.techtitute.com/in/design/postgraduate-certificate/lighting-color-interior-design)

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# 01

# Introduction

Both lighting and coloring are two of the fundamental pillars of interior design. And it is that it is the essence of the space itself, which, afterwards will combine with the distribution of furniture and fixtures that are chosen at the time of concluding the project. For this reason, the professional in this field must have in-depth knowledge of the latest developments related to the fundamentals of light and the creation of styles, as well as the application of the chromatic range in different types of contexts and works. To do so, you will have the possibility of expanding your knowledge in a specialized way with this very complete program. It is a 100% online program that will provide you with the most exhaustive information about this sector in order to specialize in just 6 weeks.







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*You will learn the fundamentals of lighting and coloring through a new and intensive educational experience that will mark a before and after in your professional career"*

In interior design, the choice of the chromatic range is one of the most complex aspects to carry out, since the variety of colors that exists, linked to the psychological component of each one of them, often makes the designer's tasks difficult. The choice of warm tones such as yellow, orange or red, which transmit energy, for social and common rooms, such as the living room and the kitchen, and cold tones such as blue or violet for those spaces where tasks requiring more concentration are to be carried out, such as offices, study areas or bedrooms, etc.

The same happens with lighting, and the influence of natural light through windows, stained glass and large windows, with artificial light projected in different colors can highlight the sensations that a space can transmit. The graduate will be able to work on all these aspects in a deep and comprehensive way with this Postgraduate Certificate in Lighting and Color in Interior Design, a 100% online program that will provide the most intensive and specialized knowledge about this sector.

It is a program designed by experts in interior design and architecture that delves, through a dynamic, theoretical and practical syllabus, in the fundamentals of both techniques, using for it, in addition, additional material of high quality. Finally, its convenient online format will provide this educational experience with the versatility that many graduates need to continue expanding and perfecting their professional skills and competencies, while continuing with their work and personal life in a fully balanced way.

This **Postgraduate Certificate in Lighting and Color in Interior Design** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in Design and Architecture
- ◆ The graphic, schematic, and practical contents with which they are created, provide 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



*Would you like to become a renowned specialist in all things related to lighting and color in interior design? The first step is to start with a program like this"*

“

*You will have hours of additional high-quality material to delve into the aspects of the syllabus that you consider most important and relevant for the development of your professional performance”*

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.

*You will learn to feel colors and experience the emotions they are capable of transmitting in interior design through the study of real cases.*

*You will be able to implement to your skills the mastery of the combination of color and lighting with this complete 100% online program.*



# 02 Objectives

The objective of this Postgraduate Certificate is to provide graduates with all the teaching tools they need to broaden their knowledge and perfect their skills and abilities in the management of interior design projects related to color and lighting. This is a unique opportunity to take a program developed by experts in the sector that will help the professional to achieve and surpass all their goals in less than 6 weeks.





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*Getting to know closely the monochromatic and polychromatic compositions to create avant-garde and symbiotic styles between light and color is one of the aspects you will work on with this program"*



## General Objectives

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- ◆ Create a program that will serve the graduate in their intensive specialization on the latest concepts and trends based on the most avant-garde lighting and coloring
- ◆ Provide the designer with the best teaching tools that will allow them to know in detail the specifications of the arrangement and projection systems

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*TECH has designed this program, among other things, with the objective that you learn about the impact of color and light on the human psyche”*





## Specific Objectives

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- ◆ Master the projection of light inside spaces and the projection of external light onto the space
- ◆ Apply the techniques of light and color to the interior design of spaces optimizing the possibilities according to the distribution
- ◆ Relate the conditions of the interior and exterior space to the personality of the inhabitants of that space
- ◆ Manage the chromatic palette according to the light palette, projecting the appropriate mental state at any given moment
- ◆ Generate own styles through the integration of light and color in interior design



# 03

# Course Management

For both the direction and the teaching of this Postgraduate Certificate, TECH has chosen a team of professors with an extensive professional curriculum specialized in the management of projects related to design and architecture, both small and international. This is a group of specialists who, as seen in their letters of recommendation, are also characterized by their human qualities, an aspect that will help the graduate to get the most out of this program.







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*The teaching team will be at your disposal to guide you through this highly empowering educational experience, which will mark a before and after in your professional career"*

## Management



### Ms. García Barriga, María

- ♦ Communicator at RTVE
- ♦ Communicator at Telemadrid
- ♦ University Teacher
- ♦ Author of The Pattern of Eternity: Creating a Spiral Identity for Automating Fashion Trends
- ♦ Communication, Marketing and Social Campaigns. Arts Heritage - Digital Marketing
- ♦ Editor-in-Chief. Chroma Press
- ♦ Marketing and Social Media Account Executive. Servicecom
- ♦ Web Content Editor. Premium Difusión, Diario Siglo XXI and Magazine Of Managers
- ♦ PhD, Design and Marketing Data. Polytechnic University of Madrid
- ♦ Bachelor's Degree in Information Sciences, Communications, Marketing and Advertising. Complutense University of Madrid
- ♦ Postgraduate Degree in Marketing and Communication in Fashion and Luxury companies. Complutense University of Madrid
- ♦ Certified in Data Analysis & Creativity with Python in China
- ♦ MBA Fashion Business School, the Fashion Business School of the University of Navarra

## Professors

### Ms. Puerto Cones, Nadia

- ♦ Interior designer at Sánchez Plá
- ♦ Interior designer by the Higher School of Design of Valencia
- ♦ Specialist in the process of space design

**3800K**

**3500K**

**3200K**

**3000K**

**2700K**

**2500K**

**2300K**



# 04

## Structure and Content

This and all TECH programs have been developed taking into account the specifications of the innovative and cutting-edge Relearning methodology, which consists mainly in the reiteration of the most important concepts throughout the syllabus in such a way that students attend a natural and progressive learning, without having to invest extra hours in memorizing. In addition, the resolution of simulations based on real situations, which reinforces, through practice, the durability of knowledge.







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*You will learn what is the perfect placement for artificial light sources based on the color of the room and the layout of the furniture"*

## Module 1. Lighting and Color

- 1.1. Fundamentals of Room Lighting
  - 1.1.1. Light Theory
  - 1.1.2. Natural and Artificial Light
  - 1.1.3. The Culture of Design and Lighting
- 1.2. Light as Creation and Style
  - 1.2.1. General, Punctual and Decorative Lighting
  - 1.2.2. Technical and Environmental Factors
  - 1.2.3. Light in the Design of Nordic style Spaces
- 1.3. Dramaturgy of Light
  - 1.3.1. Light Art: Light as a Creative Medium
  - 1.3.2. New Lighting Technologies
  - 1.3.3. The Integration of Light Art in Everyday Spaces
- 1.4. Color in Interior Design
  - 1.4.1. The History, Theory and Technique of Color
  - 1.4.2. Fundamentals of Color
  - 1.4.3. Sensation of Color
- 1.5. Color Sorting Systems
  - 1.5.1. Color Variables and Parameters
  - 1.5.2. Color Symbology
  - 1.5.3. Emotional Value of Colors in Interior Design
- 1.6. Color in Digital Systems
  - 1.6.1. Color Mixing in Computer Design
  - 1.6.2. The Visual Properties of Digital Color
  - 1.6.3. Color in Visual Spaces
- 1.7. Projection of Color in Interior Design
  - 1.7.1. Color According to the Space
  - 1.7.2. Color and Lighting
  - 1.7.3. Chromatic Composition







- 1.8. Personality and Composition
  - 1.8.1. Lighting Styles
  - 1.8.2. Color Systems
  - 1.8.3. The Impact of Color and Light on the Human Psyche
- 1.9. Style: Between Light and Color
  - 1.9.1. Tones and Shades
  - 1.9.2. Monochromatic Compositions
  - 1.9.3. Polychromatic Compositions
- 1.10. Projection of the Light and the Color on the Space
  - 1.10.1. Conditions of Space
  - 1.10.2. Accentuation of Shapes and Textures
  - 1.10.3. Intensity and Location of Light and Color Sources

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*A unique opportunity to continue growing in the interior design sector with the best professionals and with the endorsement and prestige of TECH”*

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"*

## Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



*The student will learn to solve complex situations in real business environments through collaborative activities and real cases.*

### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

*In 2019, we obtained the best learning results of all online universities in the world.*

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.





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.

With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

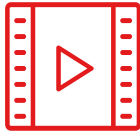
*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



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.



### 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.



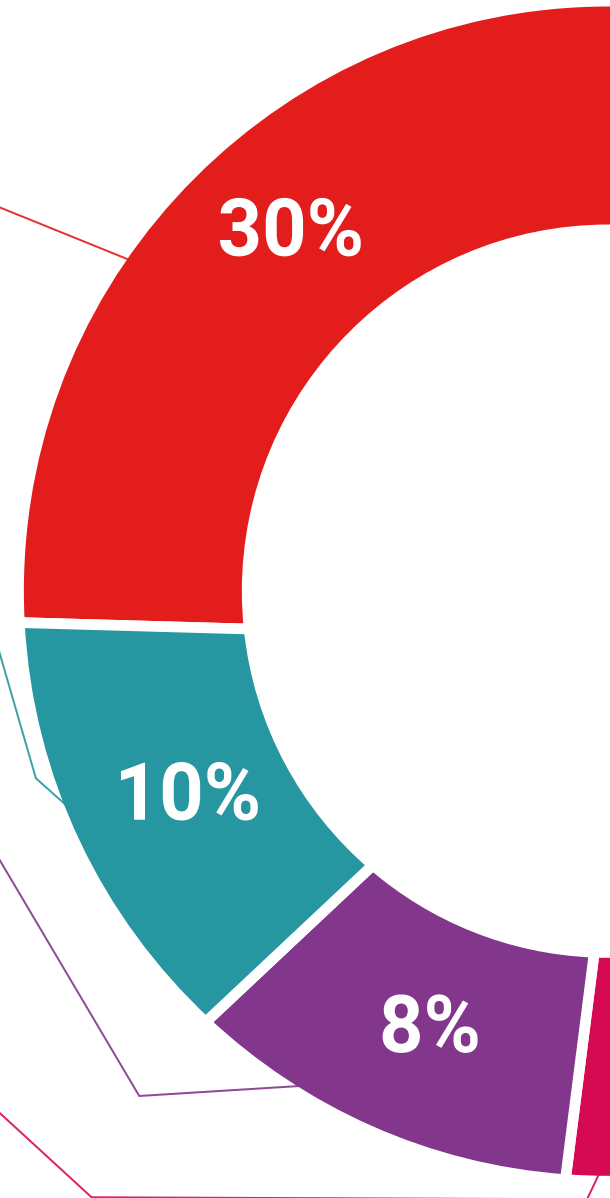
### Practising Skills and Abilities

They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### 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".



#### 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.





# 06 Certificate

The Postgraduate Certificate in Lighting and Color in Interior Design 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 Lighting and Color in Interior Design** contains the most complete and up-to-date 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 certificate 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 Lighting and Color in Interior Design**

Official N° of hours: **150 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  
development language  
virtual classroom



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

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