

# Postgraduate Certificate Textile Products



## Postgraduate Certificate Textile Products

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

Website: [www.techtute.com/in/design/postgraduate-certificate/textile-products](http://www.techtute.com/in/design/postgraduate-certificate/textile-products)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Methodology

---

*p. 20*

06

Certificate

---

*p. 28*

# 01

# Introduction

Fashion designers must constantly update their knowledge in order to keep up with the main techniques and tools available in the industry, as well as the latest materials that can be applied when creating their own collections. This program offers students specialized knowledge about textile products, which will allow them to acquire a higher level of competence that will be key to their development in the sector, either as entrepreneurs or as members of the main fashion firms. Undoubtedly, a high quality academic program for those seeking professional excellence.





*Choose the most appropriate textiles for your designs, make the most innovative combinations and create trends with your proposals”*

Creating fashion products requires advanced technical knowledge of scaling and patterning applied to textile clothing, their composition and, today more than ever, their repurposing to give them a second life and reduce environmental impact. That is why TECH Technological University has decided to create this Postgraduate Certificate in Textile Products, where designers will find exhaustive and specific knowledge, but they will also delve deeper into silhouette structure and measurements to obtain a product that is in line with market needs, testing and redesigning the original idea based on the results obtained.

It must be taken into account that fashion design is not only focused on creating garments, but that the manufacture of accessories with new materials is increasingly in vogue among the most prestigious international firms. Therefore, this program also emphasizes this area of study, highlighting the most appropriate materials for different accessories.

The professors on this Postgraduate Certificate have designed an eminently practical program. Although the syllabus contains a comprehensive theoretical study plan on the subject, the main focus is on practical exercises, through which students will be able to use simulated environments that will serve as first points of contact with the work they will encounter in their professional careers. Furthermore, one of the main advantages of this program is that it is taught in a 100% online format, so students will be free to organize their study time to balance it with their daily obligations.

This **Postgraduate Certificate in Textile Products** contains the most complete and up-to-date academic program on the market. Its most notable features are:

- ◆ Practical cases presented by experts in fashion
- ◆ 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 self-assessment can be used to improve learning
- ◆ Special emphasis on innovative methodologies in elaborating textile products
- ◆ 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

“*Selecting the appropriate fabric for a garment requires prior research. Thanks to this program, you will develop the precise skills to create successful collections”*

“*Create innovative fashion collections that will become the next seasonal hit*”

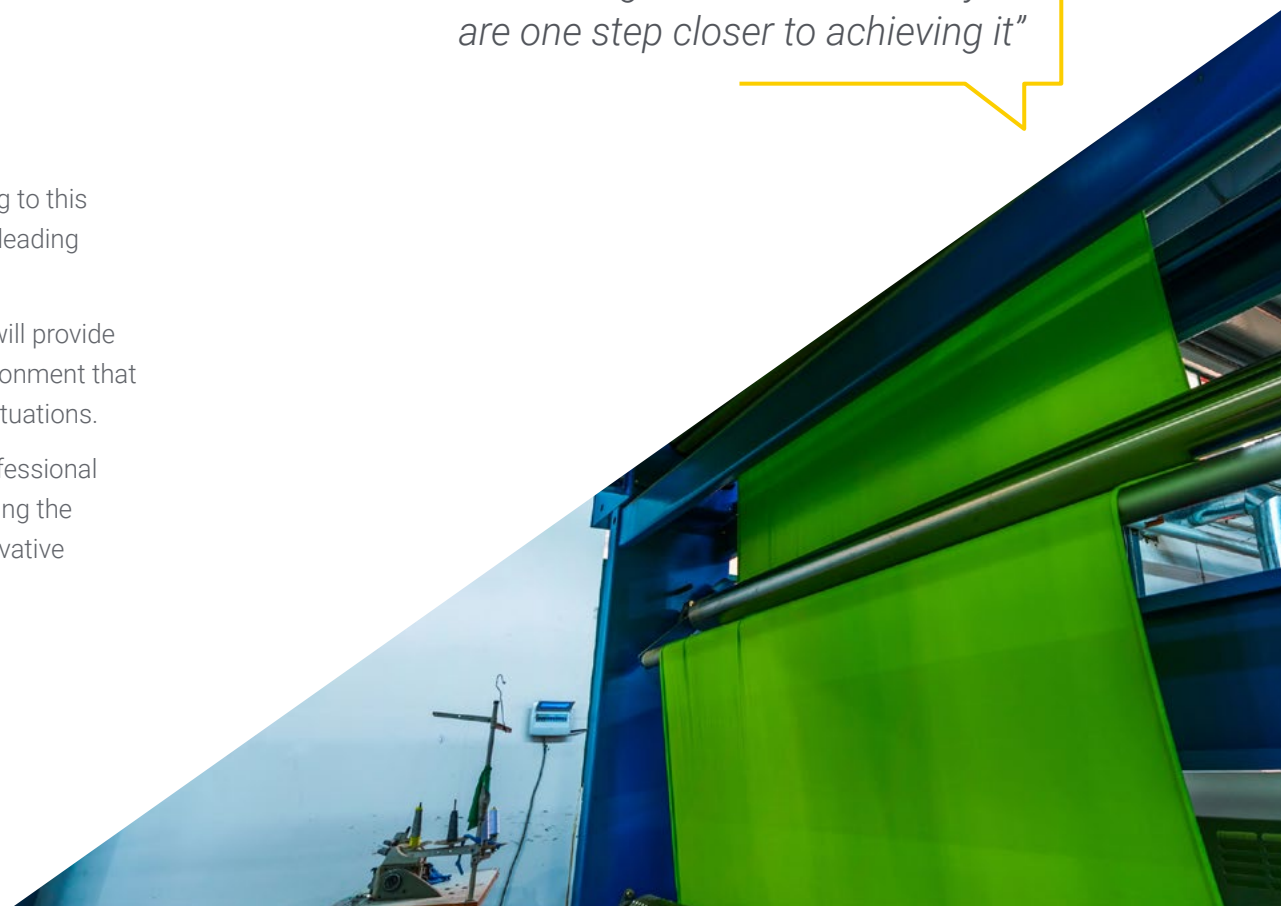
*Studying at TECH will open the doors to a highly competitive job market where your professional profile will stand out*”

*Would you like influencers and celebrities to promote your designs? With this Postgraduate Certificate, you are one step closer to achieving it*”

Its teaching staff includes professionals from the fashion industry, who bring to this program the experience of their work, as well as renowned specialists from leading societies and prestigious universities.

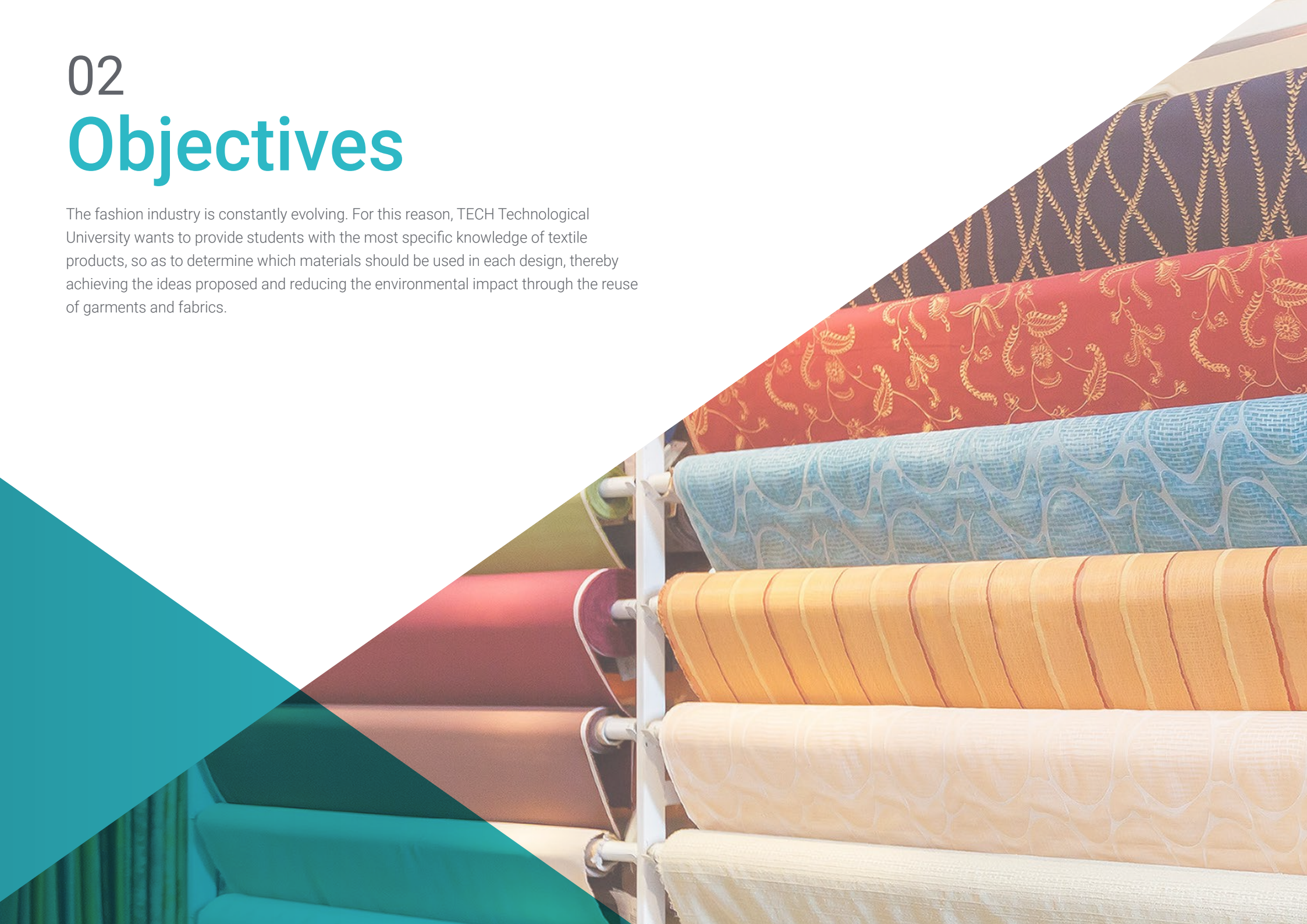
The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive training experience designed to train for real-life situations.

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



# 02 Objectives

The fashion industry is constantly evolving. For this reason, TECH Technological University wants to provide students with the most specific knowledge of textile products, so as to determine which materials should be used in each design, thereby achieving the ideas proposed and reducing the environmental impact through the reuse of garments and fabrics.







“

*Get to know the new trends in fabrics and apply them confidently in your designs. They will bring an added value to each garment”*



## General Objectives

---

- ◆ Develop virtual skills for the new fashion environment, managing current codes and fostering a creative and artistic spirit
- ◆ Elaborate a professional design project with global impact capacity based on new opportunities
- ◆ Design while being aware of the use of materials thanks to a deep knowledge in the use of fabrics
- ◆ Face changes with agility and flexibility through an interdisciplinary perspective
- ◆ Materialize the connection between the imaginary world and the real world





## Specific Objectives

---

- ◆ Take a deeper look into silhouette structure and measurements
- ◆ Know the basics of garment and accessory design
- ◆ Conduct testing for designed products

“

*Adapt to new trends and  
create collections that become  
must-haves for the public”*

# 03

## Course Management

The teaching staff on this TECH Technological University Postgraduate Certificate has selected the most relevant information on textile products to teach students how to select fabrics that best suit their designs. These are professors who understand the importance of updating knowledge in order to be part of the elite in the profession and, therefore, offer high-level training, focused on those concepts and strategies that students will be able to apply in their professional practice.





“

*Learning from the best will help you be more competitive. At TECH, we give you the opportunity to study with world-class specialists in fashion design”*

## Management



### Ms. García Barriga, María

- More than 15 years of experience in content generation of various kinds: logistics and distribution, fashion and literature or artistic heritage conservation
- She has worked in major media outlets such as RTVE and Telemadrid
- Graduate in Information Sciences,UCM
- Postgraduate course in Marketing and Communication in Fashion and Luxury Companies, UCM
- MBA from ISEM Fashion Business School, the Fashion Business School of the University of Navarra
- PhD Candidate in Fashion Trend Creation
- Author of El patrón de la eternidad: creación de una identidad en espiral para la automatización de tendencias de moda en la actualidad (The Pattern of Eterns: Creating a Spiral Identity for the Automation of Fashion Trends Today)



**Ms. García Barriga, María**

- ◆ Dynamizer and *Community Manager* for a cosmetics company devoted to the manufacture of natural soaps
- ◆ Responsible for the realization of the different campaigns carried out by *Cosmética Natural El Sapo*
- ◆ Image and photography consultant for private schools throughout Spain
- ◆ Photographer specialized in 3D printing and social networks, non-verbal language and creation of environments for school photography
- ◆ Graduate in Teaching

# 04

## Structure and Content

The syllabus for this Postgraduate Certificate in Textile Products has been designed to provide students with the knowledge required to select the most appropriate fabrics for each design, taking into account the type of garment, the target consumer and even future repurposing of the clothing itself. A high-level academic program that will mark a turning point in designer training.







“

*Knowing the particularities of textiles will help you choose the most suitable ones for your designs”*

## Module 1. Textile Products

- 1.1. Anthropology of Design
  - 1.1.1. The Transformation of Clothing into Sportswear
  - 1.1.2. Visual Thinking: Rhetoric and Language
  - 1.1.3. The Artification of Products in the Fashion Industry
- 1.2. Gender in Product Design
  - 1.2.1. Women's Clothing
  - 1.2.2. Male Suits
  - 1.2.3. The Hybridization of the Fashion Garment
- 1.3. Accessory Design
  - 1.3.1. Leather and Synthetic Materials
  - 1.3.2. Jewelry
  - 1.3.3. Footwear
- 1.4. Product Design
  - 1.4.1. Prototyping
  - 1.4.2. The *Fashion Tech* Environment and New Industrial Fabrics
  - 1.4.3. Transformation of Prototypes
- 1.5. Fashion Garment Manufacturing
  - 1.5.1. The Sewing Machine
  - 1.5.2. Body Volume and Measurements
  - 1.5.3. Sewing Techniques and Garment Assembly
- 1.6. Industrial Production: Fashion Garments I
  - 1.6.1. Pattern Making and Production Techniques
  - 1.6.2. Stampings
  - 1.6.3. *Moulage* and Industrial Pattern Making
- 1.7. Industrial Production: Fashion Garments II
  - 1.7.1. Scaling Techniques
  - 1.7.2. Size Scaling
  - 1.7.3. Pattern Transformation
- 1.8. Textile Design
  - 1.8.1. Fabrics and Materials
  - 1.8.2. Corporate and Seasonal Palette
  - 1.8.3. Product Development Techniques



- 1.9. Lingerie and Corsetry
  - 1.9.1. Specific Fabrics for Intimate Apparel
  - 1.9.2. Specific Patterns
  - 1.9.3. Garment Assembly
- 1.10. Product Testing
  - 1.10.1. Establishing Product Competencies
  - 1.10.2. Evaluating Products in Relation to the Market and Consumers
  - 1.10.3. Redesigning Products

“

*A unique training program that will be fundamental for those who wish to become the great designers of our era”*



# 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"*

## 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”*



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

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.



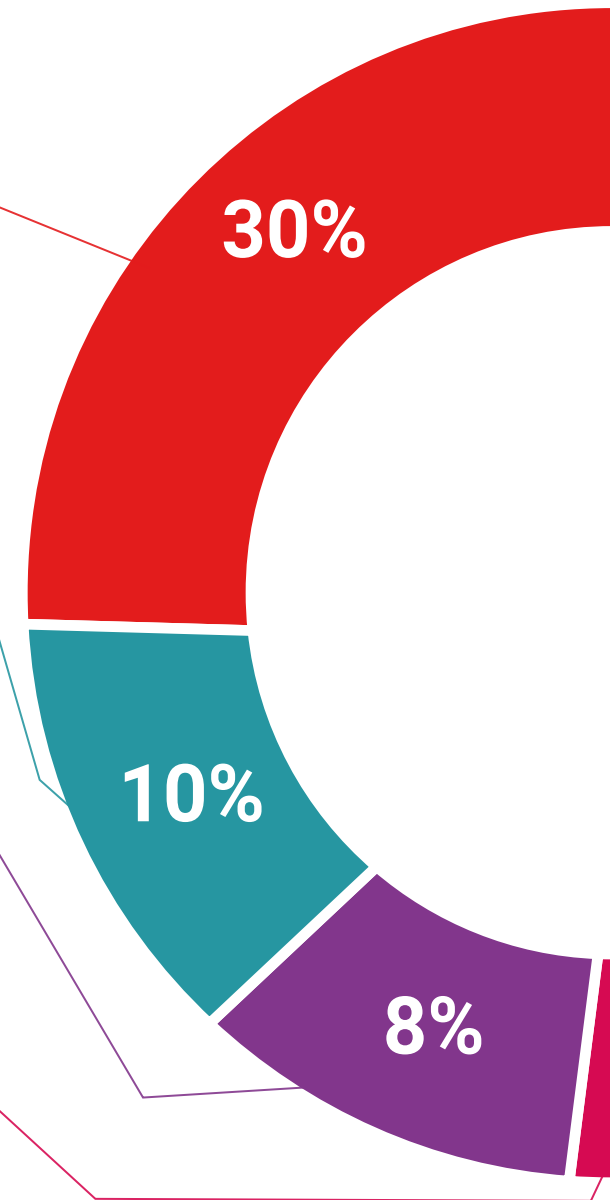
### Practising Skills and Abilities

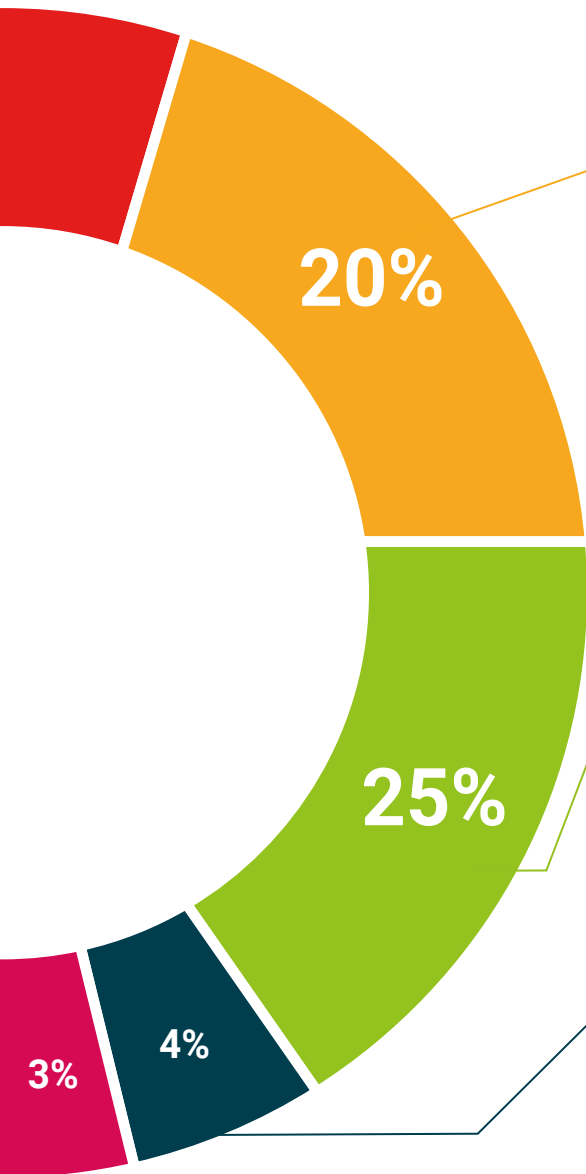
They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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 Textile Products guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

*Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”*

This **Postgraduate Certificate in Textile Products** 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 Textile Products**

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.

health future  
confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development language  
classroom



## Postgraduate Certificate Textile Products

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

# Postgraduate Certificate Textile Products

