

Postgraduate Certificate Creation of Textile Materials



Postgraduate Certificate Creation of Textile Materials

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/design/postgraduate-certificate/creation-textile-materials

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01

Introduction

The creation of textile materials has evolved over the years. The emergence of new techniques and the commitment to more environmentally friendly materials guide the fashion industry today. Therefore, for designers, the updating of knowledge to keep abreast of the main developments in the sector is essential to understand this process and, above all, to know its characteristics and understand what materials should be used at any given time, depending on the season or even the characteristics of the region in which it will be offered. Undoubtedly, knowledge that should be obtained with programs such as the one presented by TECH in this case, specifically on the Creation of Textile Materials.



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Delving into textile materials will allow designers to select the most appropriate ones for each garment, which favor the design and the customer”

Fashion industry professionals must have a multidisciplinary knowledge, focused on various areas that are widely linked to fashion design. Thus, choosing the right fabric for each garment is a fundamental task of these professionals, since each design is designed with specific textures and colors to achieve the desired body fit and movement. Therefore, learning about this field as much as possible should be the goal of those who wish to succeed in such a competitive field. To improve the knowledge of its students, TECH has developed the Postgraduate Certificate in Creation of Textile Materials, in which they will find the most relevant information about this field.

Specifically, the syllabus covers topics of essential knowledge such as the art of embroidery or its classification, machine embroidery, cross stitch or weaving, but without neglecting other aspects of great interest to those who find their inspiration in textiles. For this reason, the syllabus is completed with aspects such as lace, lace trimming, crochet or knitting. All these topics may seem traditional, but have been successfully adapted to current fashion.

In short, TECH aims to meet the high specialization objective demanded by fashion designers, who are looking for high quality programs to improve their skills and offer users garments that will become indispensable for their closet. And, to achieve this goal, it offers students a cutting-edge program adapted to the latest developments in the industry, with an absolutely current curriculum developed by experienced professionals willing to put all their knowledge at the disposal of their students. It should be noted that, being a 100% online Postgraduate Certificate, students will not be conditioned by fixed schedules or the need to move to another physical location, but will be able to access all the contents at any time of the day, balancing their work and personal life with their academic one.

This **Postgraduate Certificate in Creation of Textile Materials** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ Practical cases presented by experts in fashion
- ◆ 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
- ◆ Special emphasis on innovative methodologies in Creation of Textile Material
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ◆ Content that is accessible from any fixed or portable electronic device with an Internet connection



Learn the art of embroidery with a high-level program, designed to teach you the most specific characteristics”

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The 100% digital program allows professionals to study in a comfortable way, without the need to travel or fixed schedules”

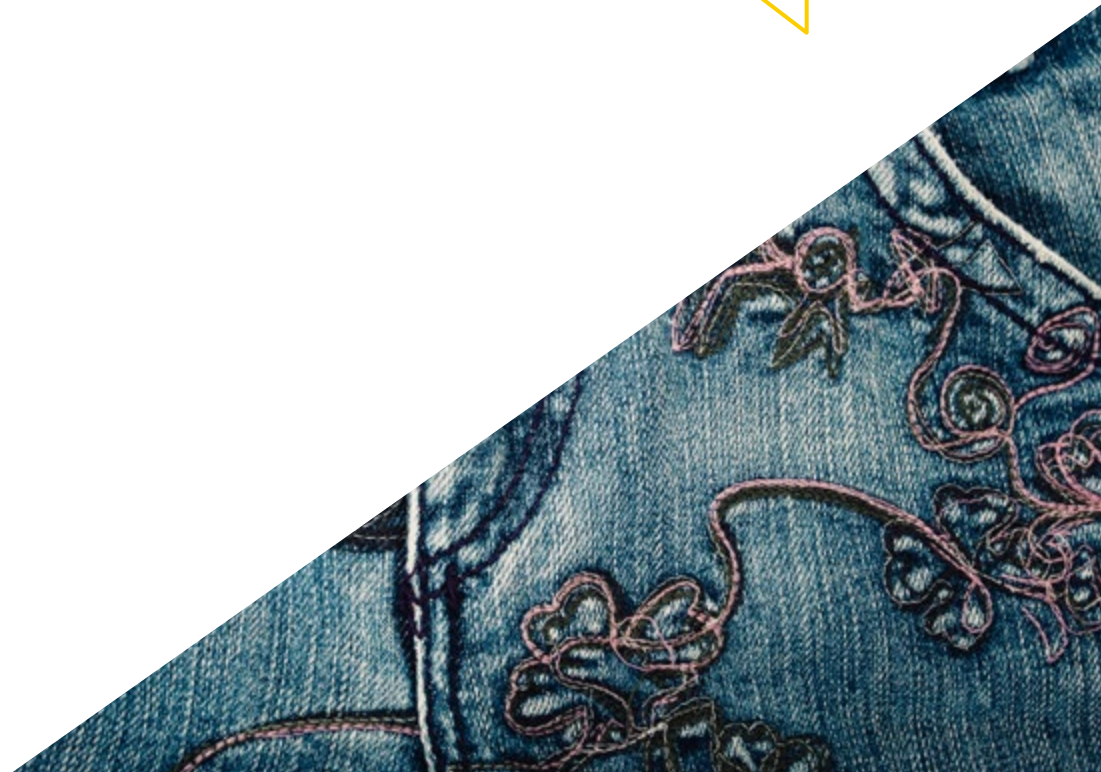
The program's teaching staff includes professionals from the fashion industry, who contribute with their work experience, as well as renowned specialists from leading companies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow professionals to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive specialization for real situations.

The design of this program focuses on Problem-Based Learning, by means of which professionals must try to solve the different professional practice situations that are presented to them throughout the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

This Postgraduate Certificate will allow you to learn contextually and specifically about the Creation of Textile Materials.

By enrolling in this program, you will have you will have unlimited access to all the educational resources.



02 Objectives

This Postgraduate Certificate in Creation of Textile Materials is aimed at facilitating the performance of professionals to acquire and learn the main developments in this field, which will allow them to perform their daily work with the highest quality and professionalism. This way, they will be better prepared to develop successfully in a booming sector, in which new concepts and trends are constantly emerging and must be recognized and applied by professionals.



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This program will be very useful to broaden your knowledge of the field of Creation of Textile Materials”



General Objectives

- ◆ Obtain a detailed knowledge of fashion design that will be relevant to the work of professionals who wish to develop in this current field
- ◆ Be able to design successful fashion projects
- ◆ Know all the processes for the Creation of Textile Materials

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TECH aims to meet your educational objectives by offering you the best educational program on the current scenario”





Specific Objectives

- ◆ Know the history of embroidery, as well as its classification, materials, history and transcendence in current fashion
- ◆ Learn how to make a cross stitch
- ◆ Know the principles of weaving and its classification
- ◆ Learn how to make laces, the suitable materials for their elaboration, as well as its history and transcendence in current fashion
- ◆ Learn how to make crochet lace trim, the suitable materials for its elaboration, as well as its history and transcendence in current fashion
- ◆ Learn how to crochet, the suitable materials for its elaboration, as well as its history and transcendence in current fashion
- ◆ Learn how to knit, the suitable materials for its elaboration, as well as its history and transcendence in current fashion

03

Structure and Content

This Postgraduate Certificate's content covers, in a structured way, all the areas of knowledge that fashion professionals need to know in-depth, including the most interesting developments and latest advances in the sector. A high-quality program that will allow students to compete with solvency and sufficient capacity in a highly competitive industry. To this end, the syllabus has been designed by professionals with extensive experience, who have captured all their expertise in a program that will be indispensable in the curriculum of professionals of the 21st century.





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This program will take you through the main textile materials that are used in fashion”

Module 1. Creation of Textile Materials

- 1.1. The Art of Embroidery
 - 1.1.1. Origins of the Art of Embroidery
 - 1.1.2. First Manifestations of the Art of Embroidery
 - 1.1.3. Embroidery in Egyptian, Greek and Roman Times
 - 1.1.4. Byzantine Cycle and Its Western Expansion
 - 1.1.5. The Currents of Byzantine Expansion
 - 1.1.6. Chronological Outline of the Procedures
 - 1.1.7. Embroidery Materials and Supports
 - 1.1.8. Embroidery in Contemporary Fashion
- 1.2. Classification of Embroidery
 - 1.2.1. According to the Relief
 - 1.2.2. According to the Material
 - 1.2.3. According to the Shape
 - 1.2.4. According to the Stitch
 - 1.2.5. According to the Motif
- 1.3. The Cross Stitch
 - 1.3.1. History of the Cross Stitch
 - 1.3.2. Materials for Making a Cross Stitch
 - 1.3.3. Making a Cross Stitch
- 1.4. Machine Embroidery
 - 1.4.1. Industrial Machine
 - 1.4.2. Operation of the Embroidery Machine
 - 1.4.3. Use of Machine Embroidery
- 1.5. Knitting
 - 1.5.1. Beginnings of Knitting
 - 1.5.2. Fabric Classification
 - 1.5.3. Flat Fabric
 - 1.5.4. Knitted Fabric
 - 1.5.5. Hand Loom
 - 1.5.6. Power Loom





- 1.6. The Loom
 - 1.6.1. History of the Loom
 - 1.6.2. Artisan Looms
 - 1.6.3. Industrial Looms
 - 1.6.4. Knitting with Loom
- 1.7. Lace
 - 1.7.1. The History of Lace
 - 1.7.2. Lace and Embroidery
 - 1.7.3. Lace Styles
 - 1.7.4. Lace Types and Stitches
 - 1.7.5. Varieties in the Lace Stitch
 - 1.7.6. Lace in the Contemporary Fashion
- 1.8. Crochet Lace Trim
 - 1.8.1. Types of Crochet Lace Trims
 - 1.8.2. Material for Conducting a Crochet Lace Trim
 - 1.8.3. Making a Crochet Lace Trim
 - 1.8.4. Crochet Lace Trim in the Contemporary Fashion
- 1.9. Crocheting
 - 1.9.1. History of Crochet
 - 1.9.2. Materials for Crocheting
 - 1.9.3. Making Crochet
 - 1.9.4. Crochet in the Contemporary Fashion
- 1.10. Knitting
 - 1.10.1. History of Knit
 - 1.10.2. Materials for Knitting
 - 1.10.3. How to Make the Knitting
 - 1.10.4. Knitting in Contemporary Fashion

“ *A high-level educational experience
for professionals seeking excellence* ”

04

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.

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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.



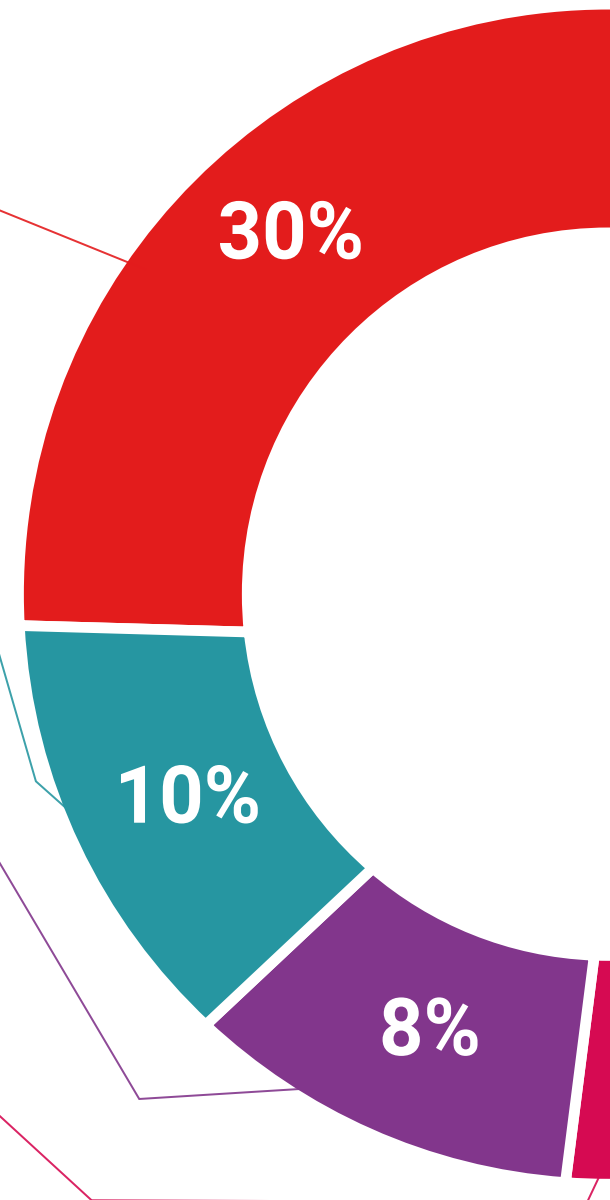
Practising Skills and Abilities

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.



05 Certificate

The Postgraduate Certificate in Creation of Textile Materials guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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Successfully complete this program and receive your Postgraduate Certificate without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Creation of Textile Materials** 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 Creation of Textile Materials**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.

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



Postgraduate Certificate Creation of Textile Materials

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Credits: 6 ECTS
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- » Exams: online

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