Postgraduate Certificate
Texture Creation
for Hard Surface

tech technological university

Postgraduate Certificate
Texture Creation
for Hard Surface

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

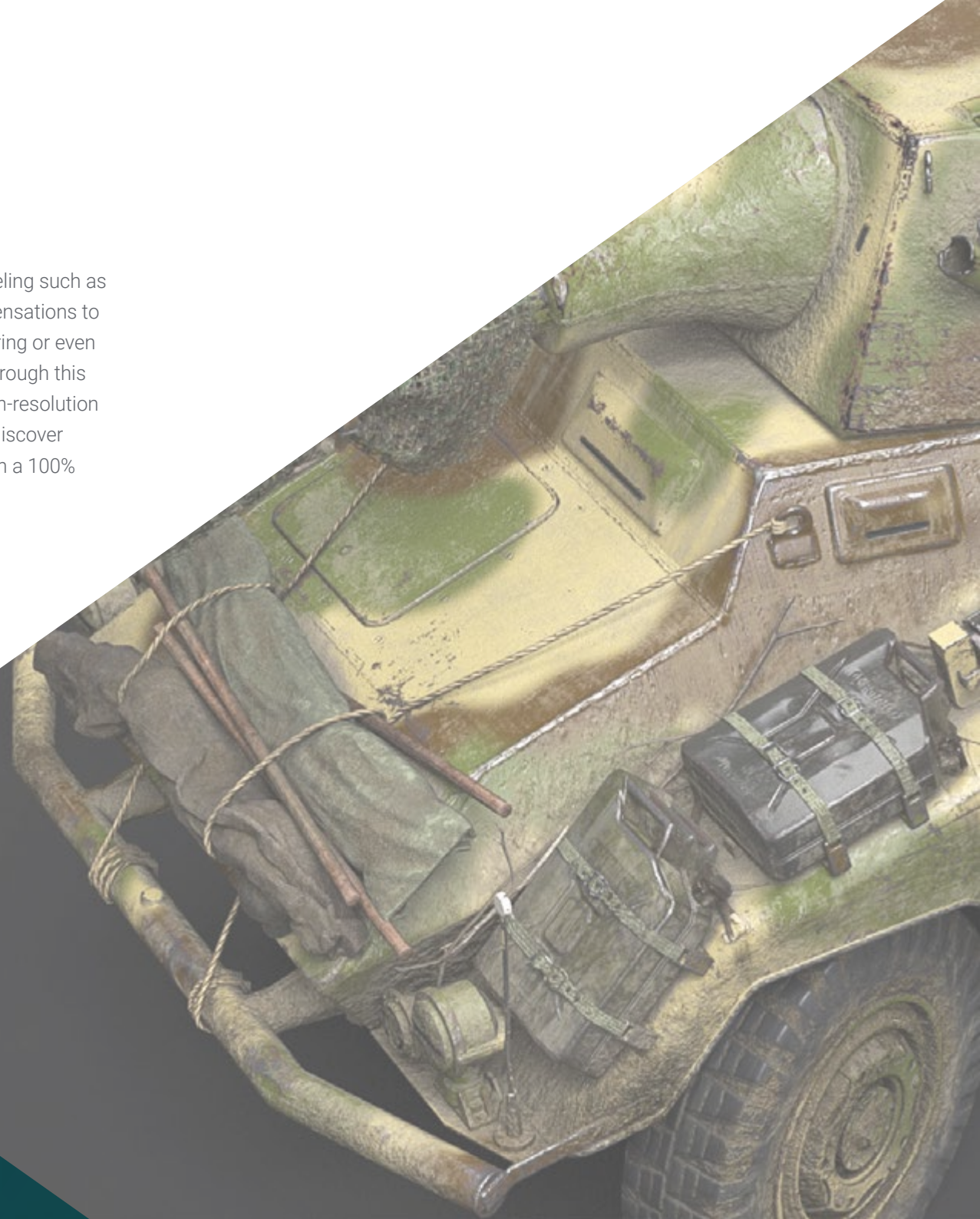Website: **www.techtitute.com/pk/design/postgraduate-certificate/texture-creation-hard-surface**

Index

01
Introduction

Texturing is a powerful technique for creating strong, realistic designs. Modeling such as Hard Surface helps to present impeccable pieces providing attributes and sensations to PBR materials. Professionals dedicated to video games, animation, engineering or even interior designers require the use of this tool in their daily work. Therefore, through this program, they will acquire all the necessary skills for the development of high-resolution textures. In addition, they will learn how to use 3D maps that allow them to discover surface imperfections that are only visible with detailed techniques. All this in a 100% online format designed by the best teaching staff in the industry.

Give a real finish to all your metallic surfaces with the texturing techniques that this Postgraduate Certificate has prepared for you"

The Postgraduate Certificate in Texture Creation for Hard Surface is designed to strengthen and perfect texturing techniques for students specialized in design. Due to the international demand for this skill, TECH combines Relearning with Learning by Doing, two innovative teaching methodologies, in order to educate the professional design profession.

The student will begin this program by identifying the variations in surface materials. Subsequently, the student will delve into texturing techniques such as roughening, polishing and oxides. The objective is to acquire a broad knowledge of the differences within them. This way, you will be able to create visually powerful designs while being taught all the tools that 3D modeling has to offer.

The contents, being eminently practical, prepare the professionals for real cases of application and enable them not only to know how to create textures, but also to correct them. That is to say, to give vivacity and dynamism to those projects that need a new approach from a specialist.

In addition, TECH Technological University has the best teaching staff. Therefore, students will have at their disposal the best professionals in the design sector. They will be in charge of offering students the best teaching with the Relearning method, allowing their interaction with the educational materials.

This **Postgraduate Certificate in Texture Creation for Hard Surface** contains the most complete and up-to-date educational program on the market. The most important features include:

◆ The development of case studies presented by experts in 3D modeling on Hard Surface

◆ 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

Visual textures generate sensations as if they were tactile ones. Provoke sensorial effects in your users with this Postgraduate Certificate"

"*With this Postgraduate Certificate you will be able to design those quality surfaces that you wish to implement in your independent projects*"

TECH teachers will help you to give vivacity and a unique attribute to each piece with the most current techniques.

This is your chance, don't miss it. Learn all about texturing from 3D modeling in Hard Surface.

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 provide professionals with situated and contextualized learning, that is, a simulated environment that will provide immersive study set up to prepare them in 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 year. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

The main objective of this Postgraduate Certificate focuses on offering the student deep knowledge in surface texturing to bring realism to any of their designs. It will also provide the most current and practical content with which you can develop the skills and abilities of this technique, performing 3D modeling on hard surfaces.

"You will feel satisfied when your projects impress your clients. Check that TECH programs are the best option to grow professionally"

General Objectives

- Learn in depth the different types of Hard surface modeling, the different concepts and features to apply them in the 3D modeling industry
- Delve into the theory of shape creation in order to develop Shape Masters
- Learn in detail the basics of 3D modeling in its different forms
- Generate designs for different industries and their application
- Be a technical expert and/or artist in 3D modeling for Hard surface
- Know all the tools involved in the 3D modeling profession
- Acquire skills for the development of textures and FX of 3D models

Specific Objectives

• Apply all texturing techniques for Hard surface models

• Work on real cases in the application of textured details

• Identify variations in PBR materials

• Have extensive knowledge of the differences in metallic materials

• Resolve technical details using maps

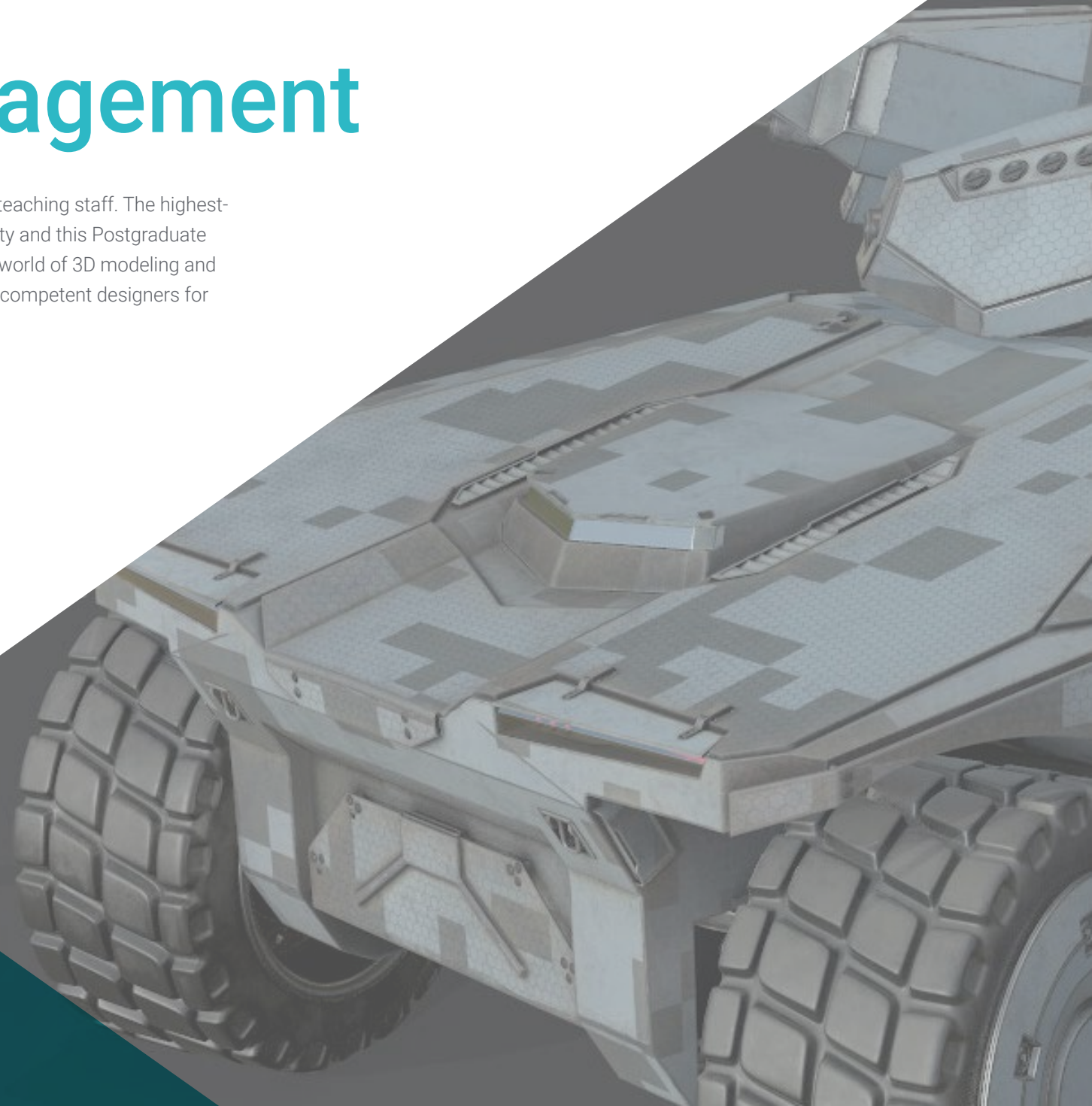• Learn how to export materials and maps for different platforms

TECH Technological University's learning methodologies will allow you to immediately apply the techniques learned. The time to enroll is now"

03
Course Management

One of the strengths of TECH Technological University is its teaching staff. The highest-level specialists within the design sector are part of the faculty and this Postgraduate Certificate is no exception. Their extensive experience in the world of 3D modeling and texture creation will help students to position themselves as competent designers for the international market.

Take the big step and embark on a new path with your own designs. At TECH you can count on the best teachers to help you become an expert in graphic design"

Management

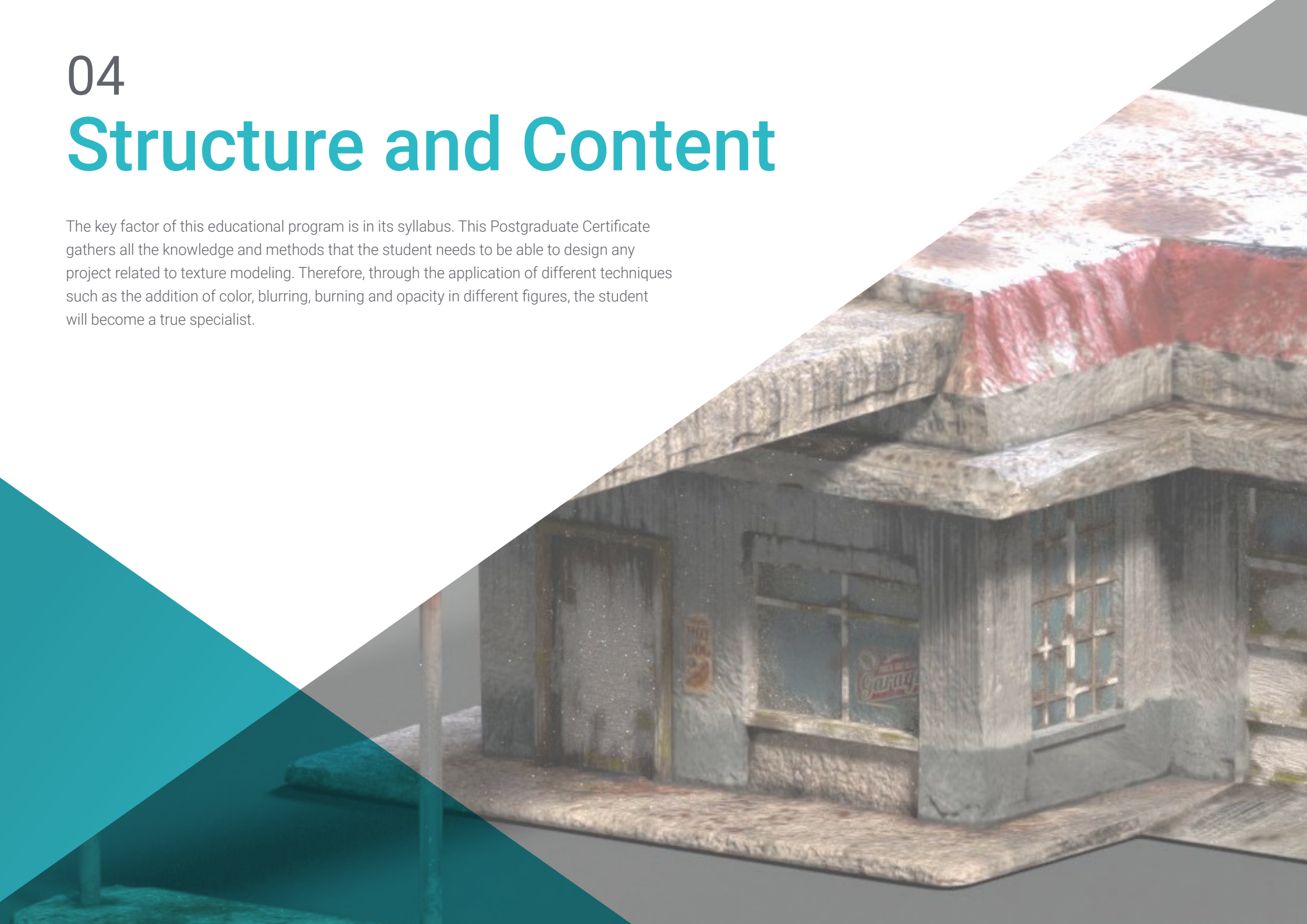**Mr. Salvo Bustos, Gabriel Agustín**

- CEO at D- SAVE 3D services
- Experience in Aeronautical 3D Modeling
- 3D Artist at 3D VISUALIZATION SERVICE INC
- 3D Production for Boston Whaler
- 3D Modeler at Shay Bonder Multimedia TV Production Company
- Audiovisual Producer at Digital Film
- Product Designer for Escencia de los Artesanos by Eliana M
- Industrial Designer Specializing in Products. National University of Cuyo
- Honorable Mention in the Mendoza Late Contest
- Exhibitor at the Regional Visual Arts Salon Vendimia.
- Digital Composition Seminar. National University of Cuyo
- National Congress of design and production. C.P.R.O.D.I

04
Structure and Content

The key factor of this educational program is in its syllabus. This Postgraduate Certificate gathers all the knowledge and methods that the student needs to be able to design any project related to texture modeling. Therefore, through the application of different techniques such as the addition of color, blurring, burning and opacity in different figures, the student will become a true specialist.

Reach the top of the design world with this innovative Postgraduate Certificate. Acquire all the knowledge to perform high quality texturing"

Look no further. TECH Technological University guarantees through its syllabus, teachers and learning methods a safe path for your entrepreneurship and professional development"

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.

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

30%

10%

8%

20%

25%

4%

3%

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.

Certificate

The Postgraduate Certificate in Texture Creation for Hard Surface 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 Texture Creation for Hard Surface** 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 Texture Creation for Hard Surface**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Texture Creation for Hard Surface

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

tech technological university

Postgraduate Certificate
Texture Creation
for Hard Surface

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

Postgraduate Certificate
Texture Creation
for Hard Surface

tech technological university