Postgraduate Certificate
Advanced Polygonal Modeling in 3D Studio Max

tech technological university

Postgraduate Certificate
Advanced Polygonal Modeling in 3D Studio Max

- » 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/advanced-polygonal-modeling-3d-studio-max**

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01
Introduction

The handling of three-dimensional modeling techniques in graphic design, with application in various and different aspects of society, is not only interesting for the sector, but increasingly becoming fundamental. A niche market is becoming more and more evident with regard to new industrial production systems and in the animation industry. Therefore, the Advanced Polygonal Modeling in 3D Studio Max program offers a comprehensive and superior approach to this design educational program. With this program, the design professional will be prepared to face high levels of demand in the sector and successfully meet the challenges that arise.
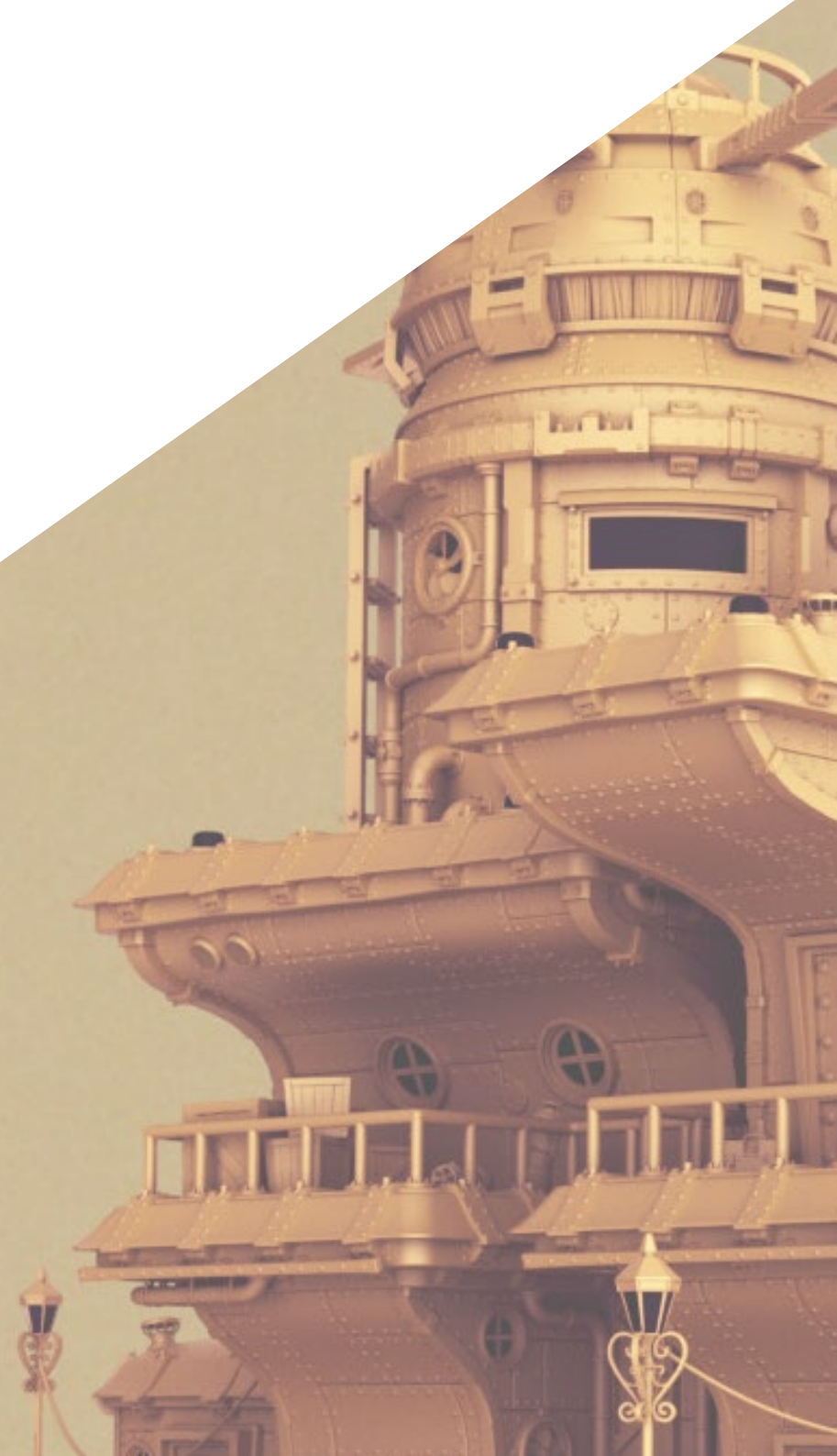
As a designer you will be prepared to face high levels of demand in Advanced Polygonal Modeling in 3D Studio Max"

This Postgraduate Certificate will provide superior knowledge in advanced polygonal modeling in 3D Studio Max, in a way that favors specialization and professionalization of the curriculum and professional career. In this way, added value is provided to companies in the sector and a high level of solvency is guaranteed in the face of new challenges that arise in the workplace.

Thanks to this Postgraduate Certificate in its completely online version, you will be able to balance your studies during the 6 weeks of the program with your day-to-day life. In addition, you will be able to access all the content in multimedia format whenever you need it or want to go deeper into the material.

During the course of the educational program, all the techniques for the development of a specific product will be applied, as well as the development of the component parts. All this from a perspective that allows for the comprehensive development of the most advanced three-dimensional polygonal designs.

The program focuses primarily on understanding the topology of an aircraft in modeling, through the application of knowledge of technical components to create complex shapes and the development of simple shapes, as well as to understand the physiognomy of a bot shape.

This **Postgraduate Certificate in Advanced Polygonal Modeling in 3D Studio Max** 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 Advanced Polygonal Modeling in 3D Studio Max

- 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

Get to apply the most advanced techniques in Polygonal Modeling in 3D Studio Max with our Postgraduate Certificate"

"If you want to get to understand the topology in the modeling of an aircraft or the physiognomy of a bot shape, this is the program for you"

Bring added value to companies in the sector with our educational program in Advanced Polygonal Modeling in 3D Studio Max.

A Postgraduate Certificate destined to help you become a true expert in Advanced Polygonal Modeling in 3D Studio Max.

The program's teaching staff includes professionals from sector who contribute their work experience to this 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.

02
Objectives

This study plan responds to the need to perfect knowledge of the 3D Studio Max program, a leading program in the field of three-dimensional polygonal design and modeling. Although it is necessary to have previous knowledge of the basics of this system, this Postgraduate Certificate puts the user at the level of perfecting the techniques for the development of a specific product. This program meets the objectives that a true expert in advanced polygonal modeling must master to perfection.

With a good distribution of objectives, you will successfully acquire the necessary knowledge to become an excellent professional in your sector"

General Objectives

- 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
- Know all the tools involved in the 3D modeling profession.
- Acquire skills for the development of textures and FX of 3D models.
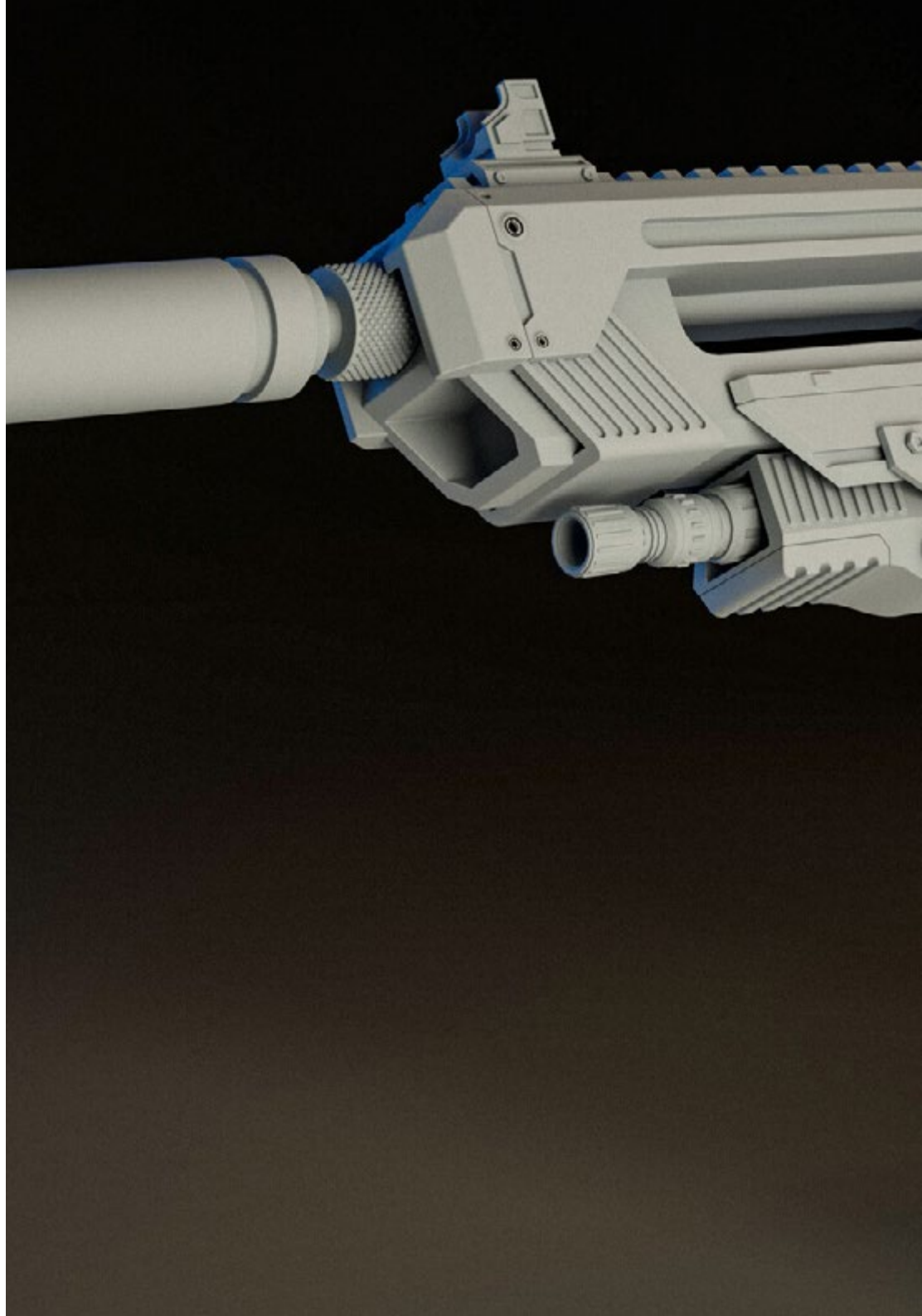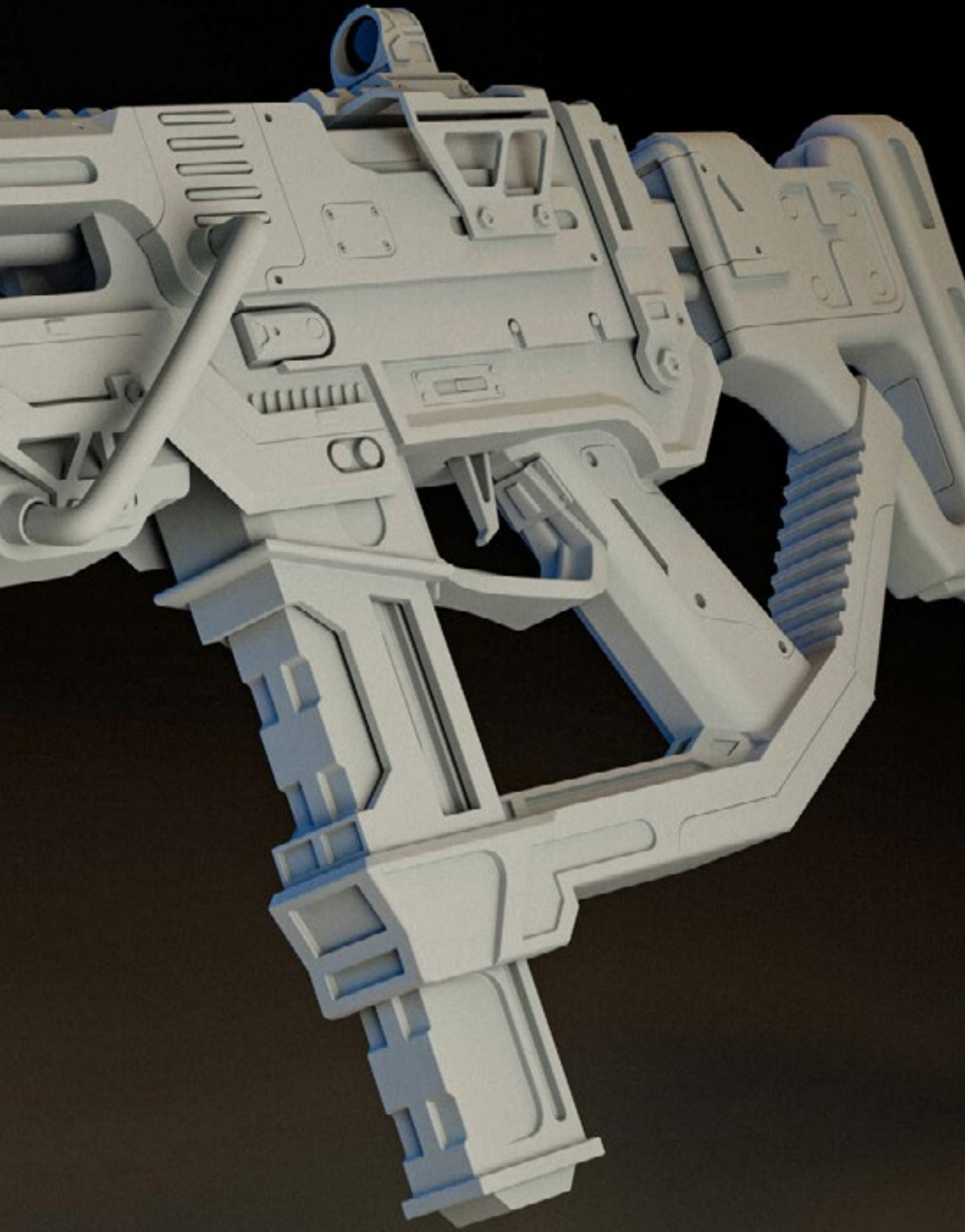
Specific Objectives

- Apply all the techniques for specific product development
- In-depth understanding of component parts development
- Understand the topology of an aircraft in modeling in depth
- Apply knowledge of technical components
- Create complex shapes through the development of simple shapes
- Understand the physiognomy of a bot form

This online Postgraduate Certificate is designed to help you achieve your goals"

03
Course Management

This program has been designed thanks to the expertise of a select teaching staff. They are professionals of the highest level and are interested in providing the most current and cutting-edge content in the design sector. Students will be able to learn how to create different surfaces regardless of the field in which they specialize, completing their studies in a sector of great demand at an international level.
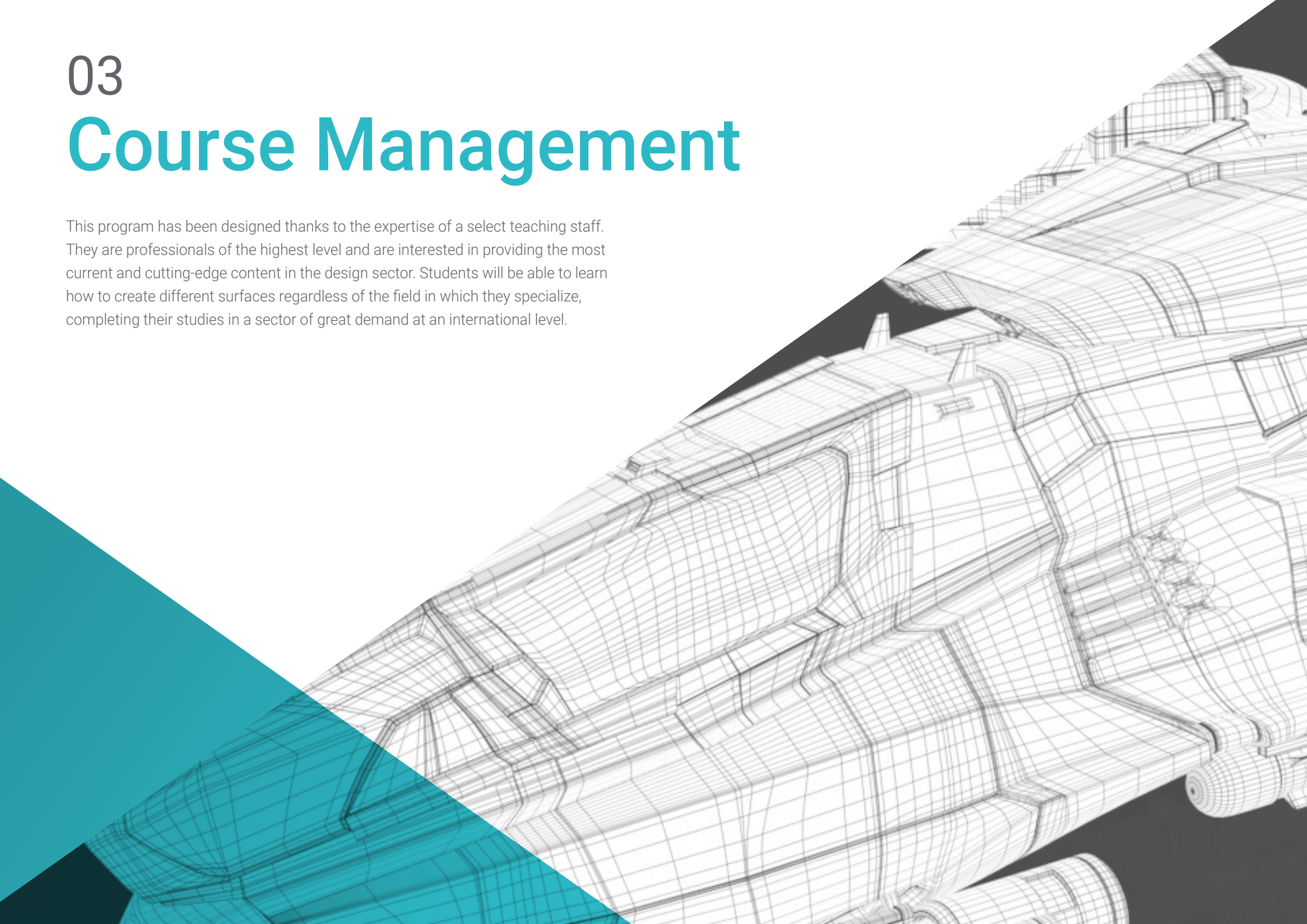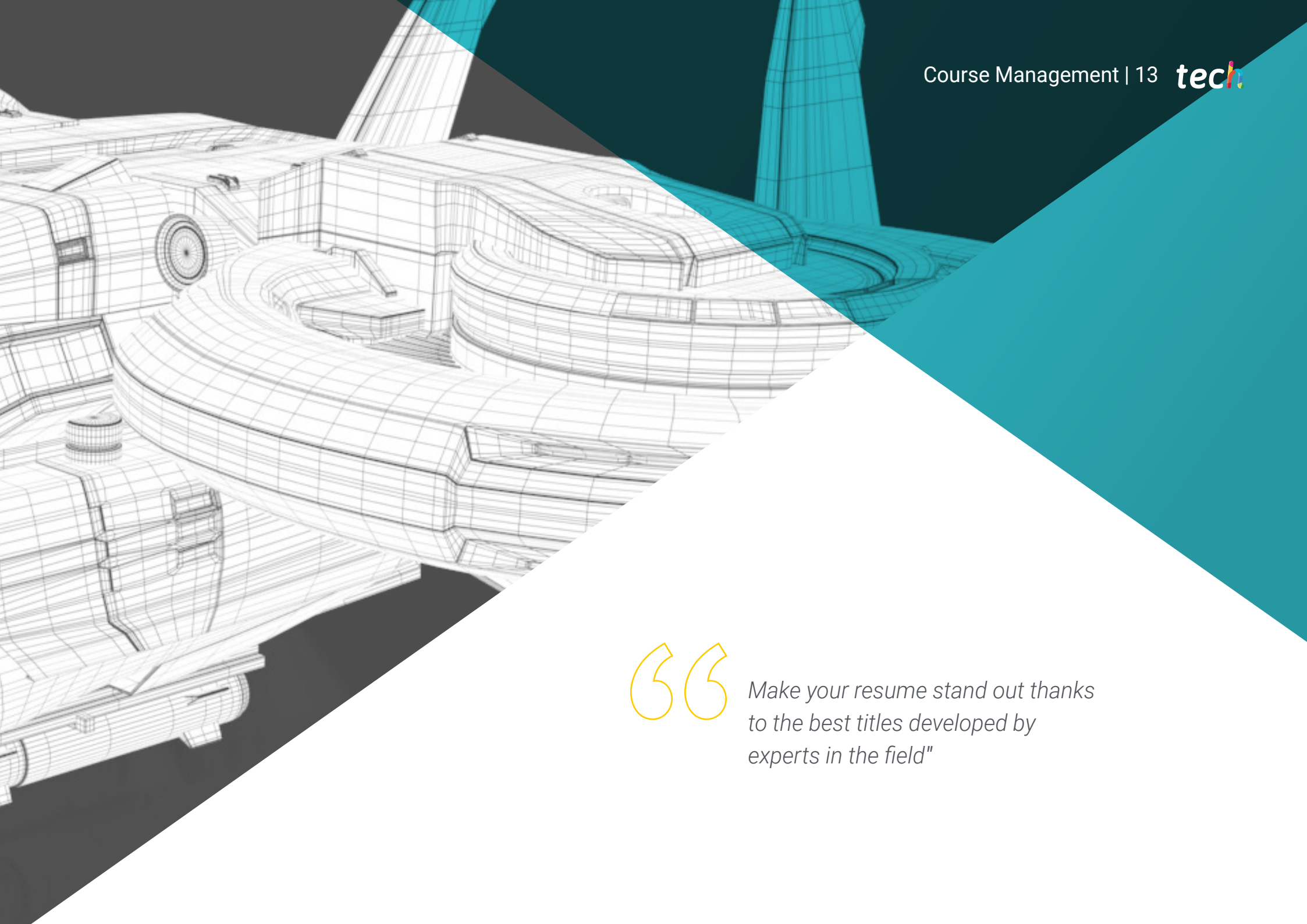
Make your resume stand out thanks to the best titles developed by experts in the field"

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

This program has been designed based on the needs of the industry, in order to provide advanced knowledge on Advanced Polygonal Modeling in 3D Studio Max. The Postgraduate Certificate has established a syllabus based on the modeling and planning of all the parts of a "Sci-Fi" spacecraft. This interesting concept allows working on all the dimensions of three-dimensional polygonal modeling, since the most complex details such as the helmets of pilots and co-pilots, as well as the wings or the fuselage of the aircraft will be considered. This idea is particularly original and contains all the fields of functionality that a good polygonal modeling design in 3D Studio Max has to cover, so that, at the end of the Postgraduate Certificate, the student will have acquired the necessary skills to face any advanced design with this program.

A science fiction syllabus that will not leave students indifferent and will make them learn in the most practical dimension of the word"

Module 1. Advanced Polygonal Modeling in 3D Studio MAX

Studying and learning are not the same when behind the content there is a strategy designed by real industry professionals"

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 goalt 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 case method has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. 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 that you are presented with in the case method, an action-oriented learning method. Throughout the course, students 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.

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

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 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. This methodology has 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, and financial markets and 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 Advanced Polygonal Modeling in 3D Studio Max 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 Polygonal Modeling Advanced in 3D Studio Max** 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 Advanced Polygonal Modeling in 3D Studio Max**
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

Advanced Polygonal Modeling in 3D Studio Max

This is a qualification awarded by this University, equivalent to 250 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

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