Postgraduate Certificate
Exports to Unreal

tech global university

Postgraduate Certificate
Exports to Unreal

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

Website: **www.techtitute.com/us/information-technology/postgraduate-certificate/exports-unreal**

Index

01
Introduction

The Unreal Engine game engine has undergone several transformations up to the present day. In this process, it has established itself as one of the favorites in the design sector, applied to an infinite number of fields. Its creators have been extending features allowing for greater data processing capacity, rendering, texture enhancement and integration of new functions. This training provides an in-depth look at the utilities offered by the engine, as well as its latest updates and configurations. All this, through a direct and completely online qualification, which focuses on giving the student an advanced user level in Unreal Engine exports.
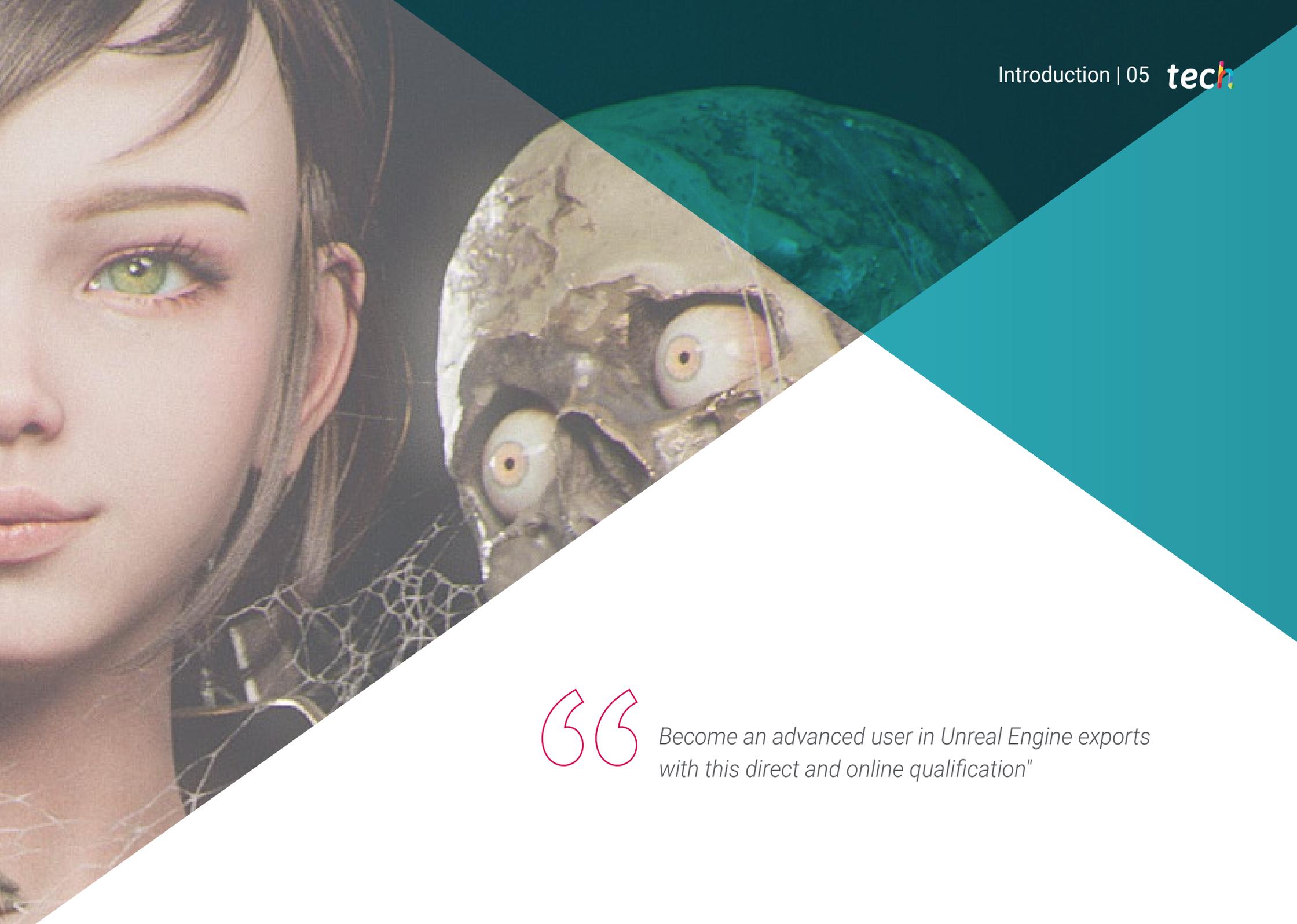
Become an advanced user in Unreal Engine exports with this direct and online qualification"

TECH Global University has designed this Postgraduate Certificate in Exports to Unreal to provide students with an in-depth knowledge of all the steps to export a professional's own 3D modeling to Unreal. The purpose of this Postgraduate Certificate is to strengthen and enrich the knowledge of design professionals in the field of design exports.

In this way, the qualification focuses on teaching the students to be users capable of handling the real-time Unreal Engine in such a way that they are perfectly able to work with a 3D model and its texture, as well as to understand the properties of the materials of this software and to teach them to work and understand the nodes of the Unreal materials, giving effects to the textures to achieve unique materials.

Its advanced explanations in dynamic lighting or particle systems train digital artists in high-level developers even demanded by an international market. With this qualification, the student will learn, over 6 weeks, to configure the Unreal Lightmaps, achieving a better resolution and optimizing the performance of the engine, as well as to perform a basic post-processing to make renders with good visual effects.

This Postgraduate Certificate is taught completely online and is based on Relearning and Learning by Doing methodology. All this in order for students to progressively investigate the content and encourage autonomous learning. In addition, as it has a direct qualification system, it is not necessary to present a final project to accredit this training.

This **Postgraduate Certificate in Exports to Unreal** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- The development of case studies presented by experts in 3D modeling with engines such as Unreal Engine
- 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
- 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

Acquire skills, with this Postgraduate Certificate designed by TECH, in the mastery of 3D modeling Exports to Unreal Engine"

This Postgraduate Certificate is taught completely online and is based on Relearning and Learning by Doing methodology, so that learning is autonomous and at your own pace"

*Make your portfolio more interesting with this online qualification, become an expert in Exports to Unreal.*

Get trained to face new professional challenges with this Postgraduate Certificate in Exports to Unreal.

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train 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 throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

This Postgraduate Certificate in Exports to Unreal has the purpose of making the students master the Unreal Engine in real time so that they can perform perfectly when working with a 3D model and its textures, as well as understand the properties of the materials of this software and know how to work and understand the nodes of the materials that it offers. This content will be taught with Relearning and Learning by Doing methodology, in order to favor autonomous learning at the student's own pace.
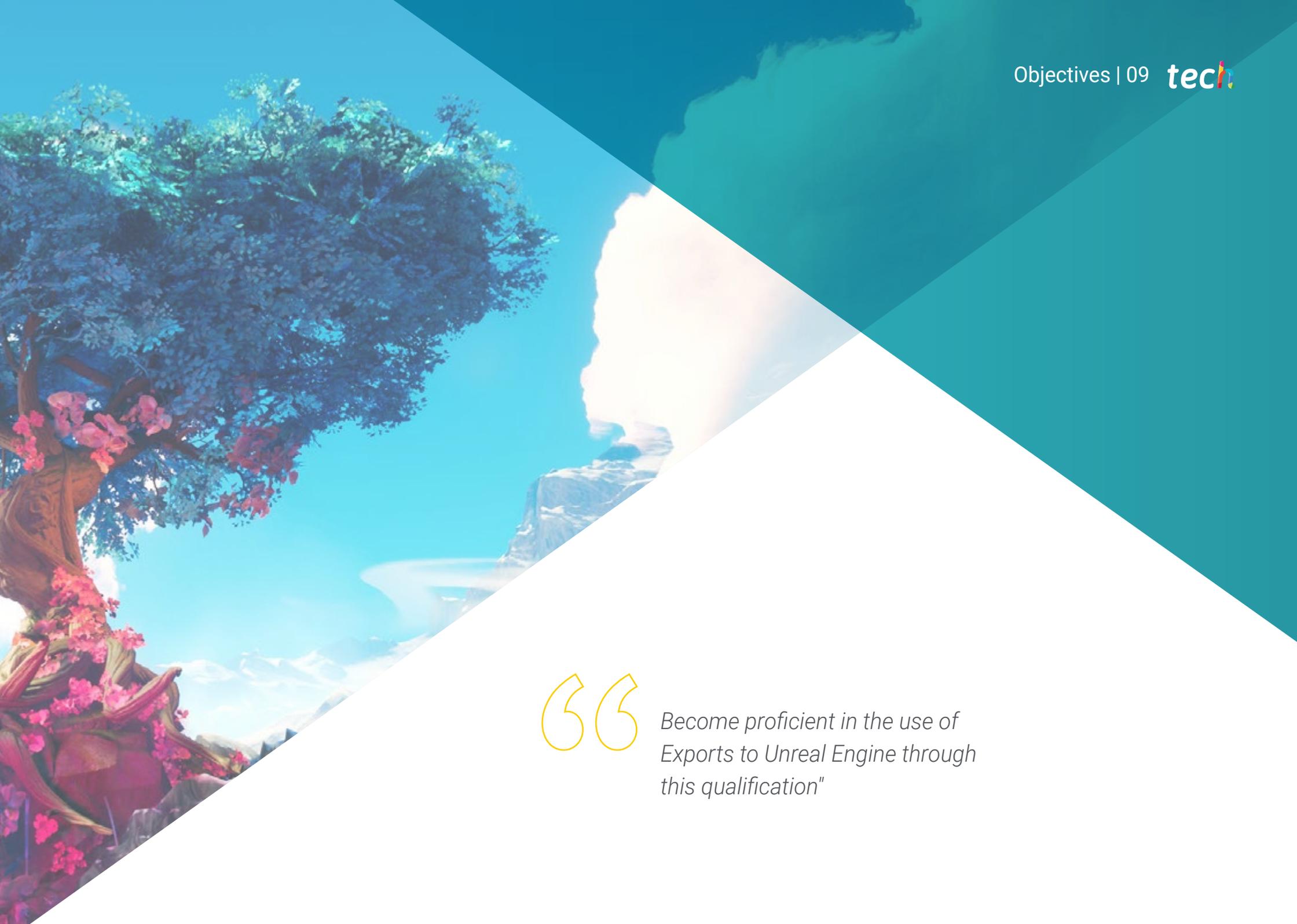
Become proficient in the use of Exports to Unreal Engine through this qualification"

General Objectives

- Know in depth all the steps to export a professional 3D modeling to Unreal
- Master several programs focused on modeling, texturing, real time and rendering used today in the professional world
- Apply the knowledge acquired in solving modeling problems
- Know and understand in detail how textures work and how they influence modeling
- Expertly use the knowledge acquired to create your own projects and intelligently add them to your portfolio
- Develop the resources of each program to achieve the best effect for your modeling

With this Postgraduate Certificate in Exports to Unreal you will also learn how to correctly illuminate the scenes and how to configure the Lightmaps"

Specific Objectives

- Handle the real-time Unreal Engine in such a way that it performs perfectly when working with a 3D model and its textures

- Understand the properties of Unreal materials

- Know how to work with and understand Unreal material nodes, giving effects to textures to achieve unique materials

- Correctly light an Unreal scene in a realistic way according to the desired ambience

- Configure Unreal Lightmaps, achieving better resolution and optimizing engine performance

- Perform basic post-processing for rendering with good visual effects

03
Course Management

The management team and faculty of this Postgraduate Certificate is made up of experts of the highest prestige in their field. They are industry professionals who have designed this qualification in order to train students as experts in the area. The faculty of this qualification have devoted much of their careers to developing their texturing and rendering skills. Thanks to their innovative knowledge in the field, they will provide students with the most innovative trends in the field.
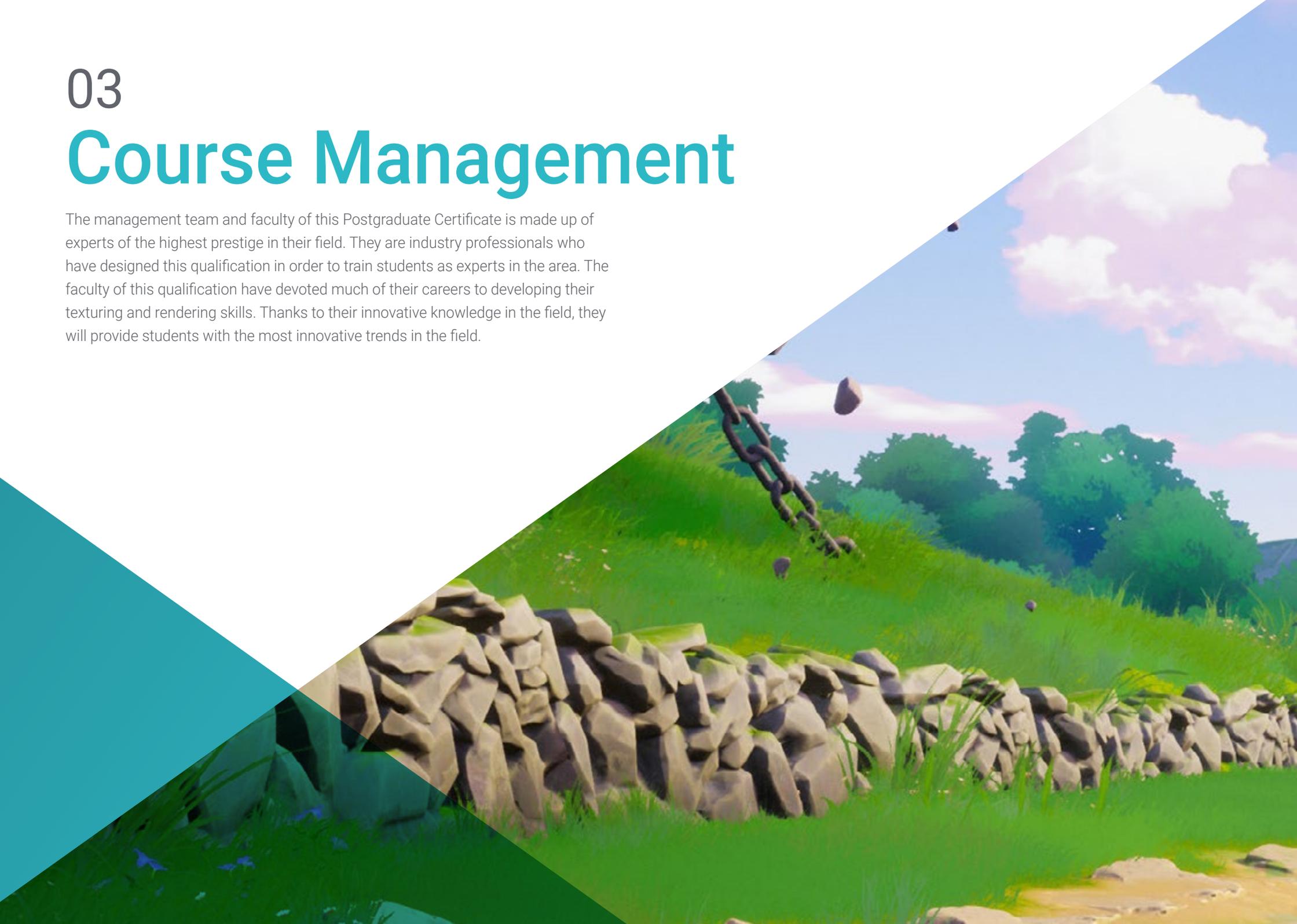
Acquire knowledge in the most innovative trends in the field of three-dimensional modeling with this Postgraduate Certificate"

Management

Ms. Sanches Lalaguna, Ana

· 3D Designer at Lalaguna Studio

· 3D Generalist at NeuroDigital Technologies

· Freelance video game figure modeler

· 3D Artist and Narrative Responsible in the videogame "A Rising Bond" (InBreak Studios)

· Master's Degree in Videogame Art and Design (U-tad)

· Diploma in 2D and 3D Animation Filmmaking (ESDIP)

· Winner of the Best Narrative award and nominated for Best Game and Best Art at the PlayStation Awards

04
Structure and Content

This Postgraduate Certificate in Exports to Unreal is structured for students to progressively deepen their knowledge of the techniques of this cutting-edge game engine in editing and three-dimensional graphic design. By taking this training, the Unreal Engine user is able to perfectly master this tool and apply the most advanced configurations. For all these reasons, the content of this qualification responds to the needs of a growing sector.
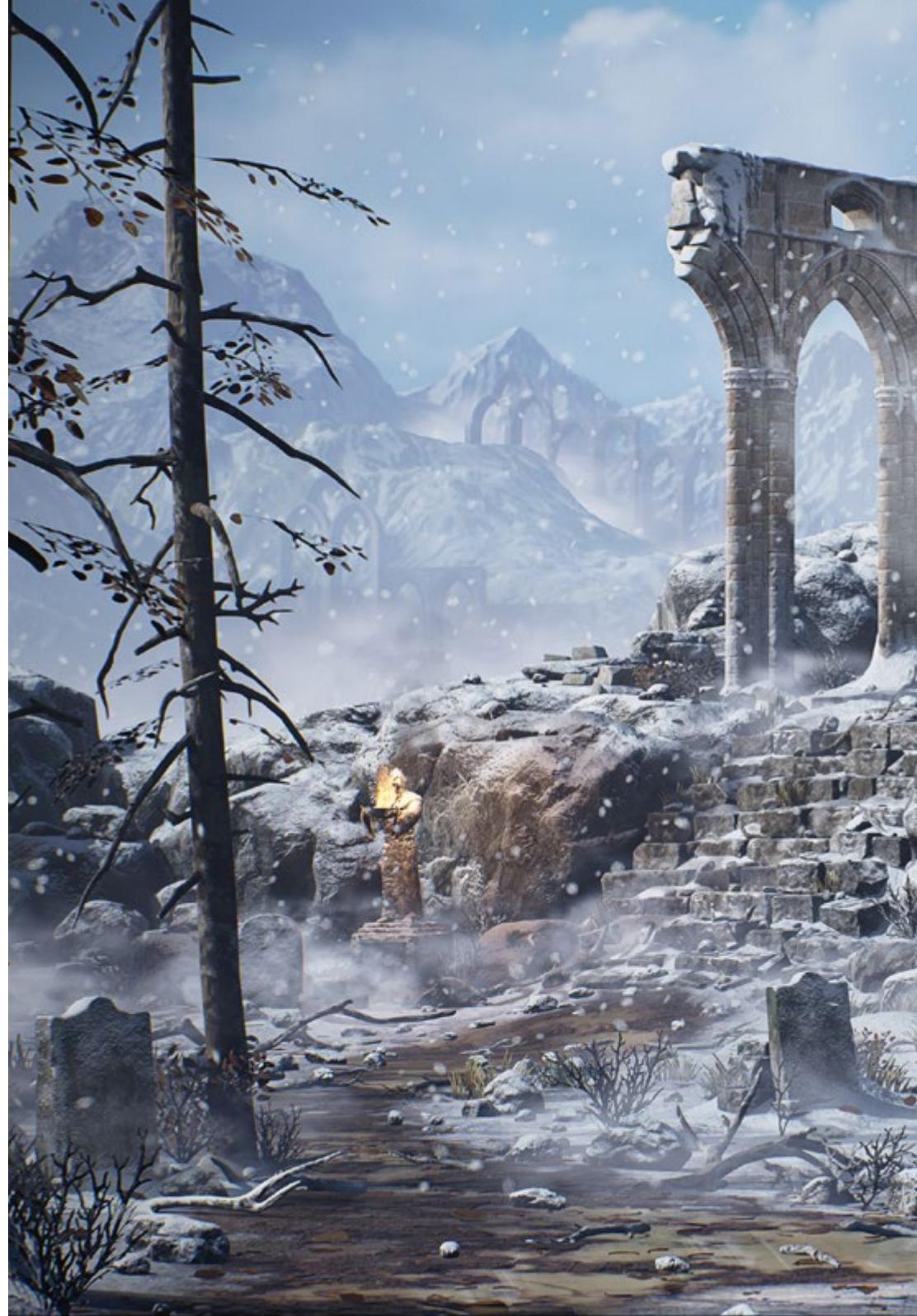
" *Become an expert in Exports to Unreal with this online Postgraduate Certificate"*

Module 1. Exports to Unreal

At TECH we have the solution for you to refresh your knowledge without sacrificing other personal or professional projects: direct and online qualifications"

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 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.

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:
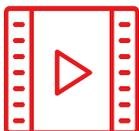
Study Material

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%
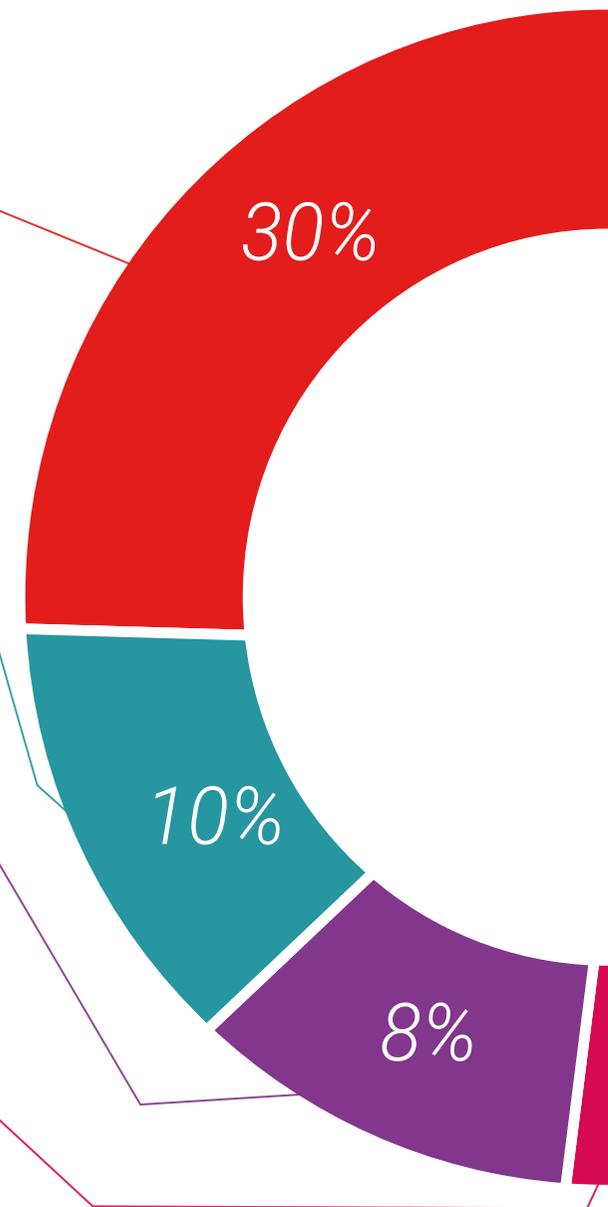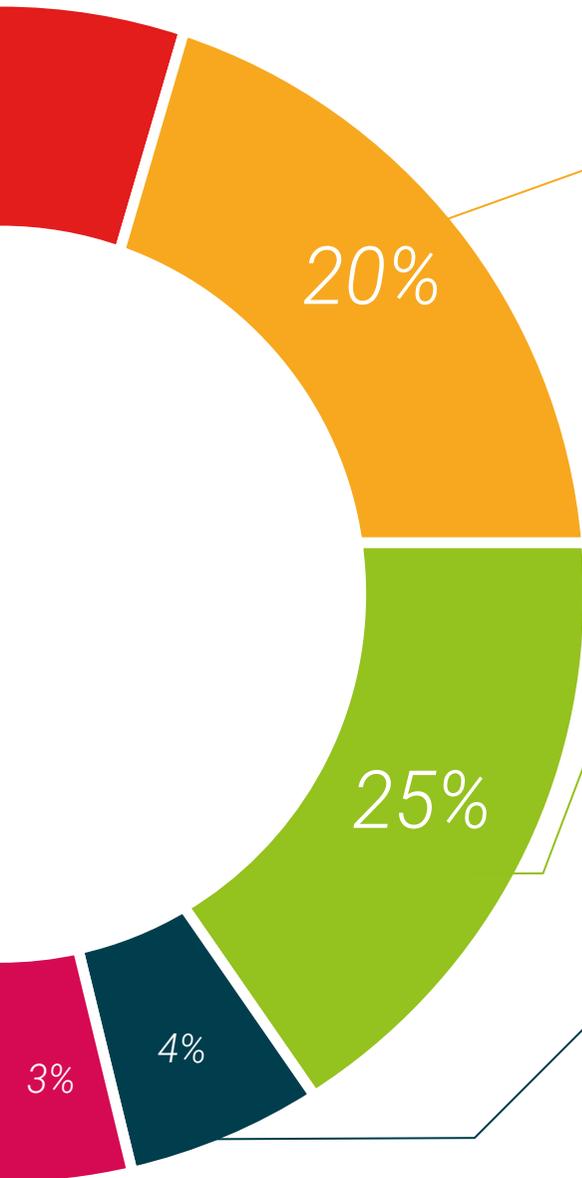
Case Studies

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.

06

Certificate

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

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

This program will allow you to obtain your **Postgraduate Certificate in Exports to Unreal** 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 Exports to Unreal**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Exports to Unreal

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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» Schedule: **at your own pace**
» Exams: **online**

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