

Postgraduate Certificate

Digital Tools for 2D Animation





Postgraduate Certificate Digital Tools for 2D Animation

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

Website: www.techtute.com/us/videogames/postgraduate-certificate/digital-tools-2d-animation

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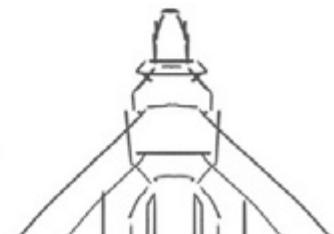
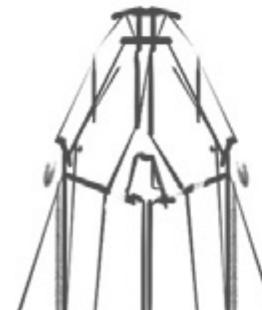
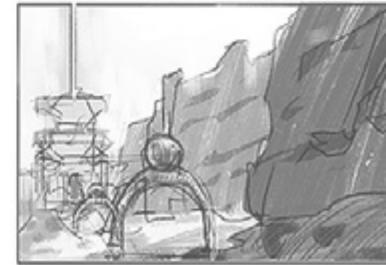
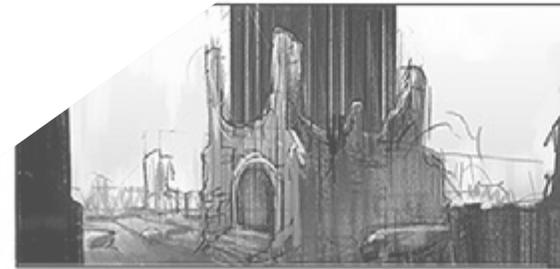
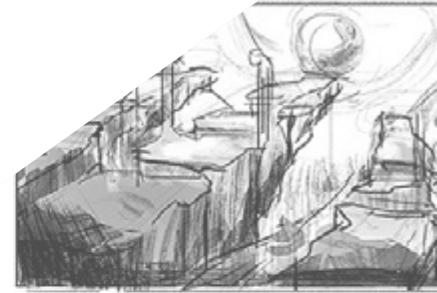
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Certificate

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01 Introduction

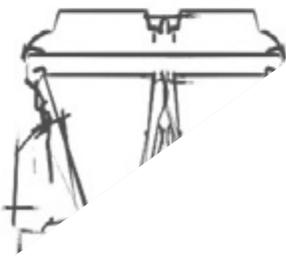
Storyboard Pro has become one of the most widely used tools in the creation of video games. This software is very useful for planning and previewing both sequences and visual narratives. In this way, it helps to visualize how the stories will be told within the game and how the dialogues will be communicated through scenes. Therefore, animation professionals need to have a deep understanding of this program. They must also acquire the skills necessary to use it effectively and therefore design high-quality elements. To help them with this task, TECH is developing a university program that will delve into the use of Storyboard Pro. In addition, it is taught in a convenient 100% online format.





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All this, in a 100% online education, without fixed schedules and with the syllabus available from the first day. Set your own learning pace!”



Digital tools for 2D animation play an essential role in game development, as they allow designers to create visually dynamic content. In addition, these tools give animators precise control over each animation frame. This allows them to easily adjust key poses, timing and transitions, resulting in more realistic animations. Digitally created graphic elements can also be reused in multiple parts of the game, saving time and resources. For example, walking cycles or character attack animations are used in various situations.

In this context, TECH is creating a Postgraduate Certificate that will provide the most advanced Digital Tools for 2D Animation. Developed by experts in the field, the syllabus will highlight the importance of the storyboard as a narrative and production tool. Along these lines, the syllabus will cover everything from the sound and time line to digital alternatives (including Photoshop, Adobe Animate and After Effects). Likewise, students will delve into standardized symbology, keeping in mind the simulation of camera movements. The teaching materials will also focus on voice recording and sound effects editing.

As for the methodology of this Postgraduate Certificate, students can take it completely online. All they need is an electronic device with an Internet connection (such as a mobile phone, tablet or computer) so they can access the Virtual Campus and enjoy the most dynamic teaching content on the market. In addition, there they will find a library packed with multimedia resources to strengthen learning (including interactive summaries and infographics). Likewise, the integration of reiteration has been implemented with the so-called Relearning within the teaching of this university degree, ensuring optimal results.

This **Postgraduate Certificate in Digital Tools for 2D Animation** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ The development of case studies presented by experts in 2D Animation
- ♦ The graphic, schematic and practical contents of the book provide theoretical and practical information on those 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



*Do you want to specialize in
Camera Movement Simulation?
Achieve it in just 6 weeks with
this innovative program"*

“

You will enrich your professional practice with the most advanced techniques in Voice Recording and Dialogue Editing thanks to this program”

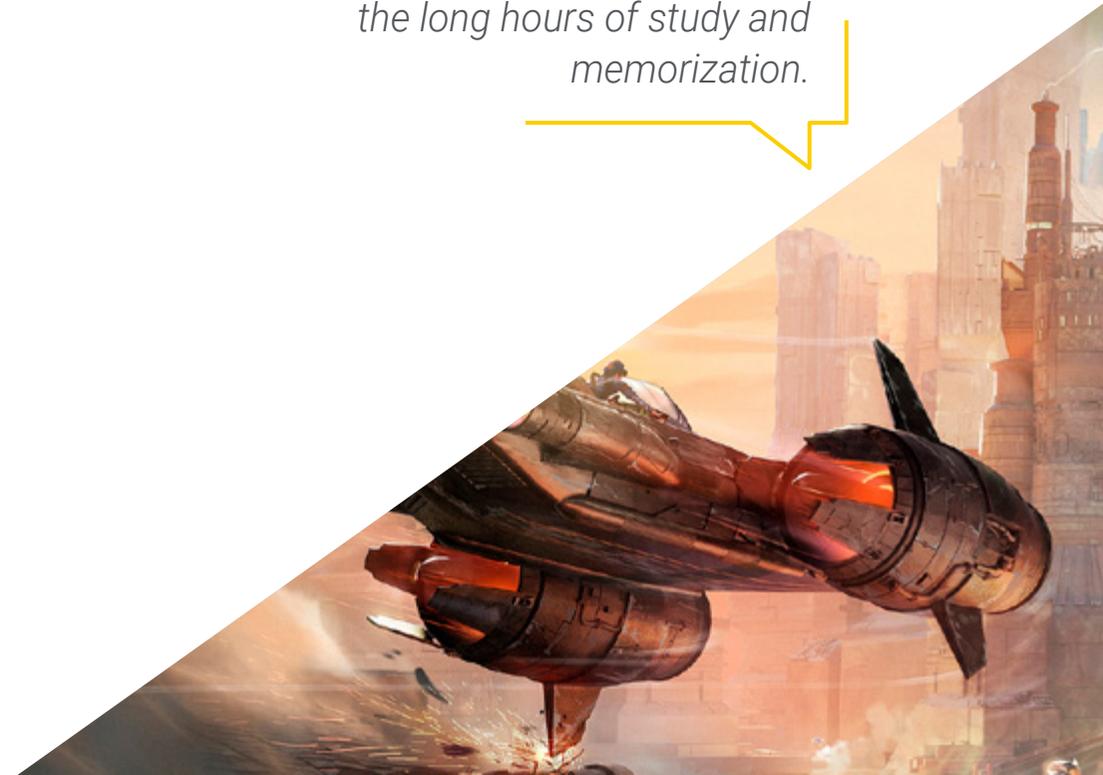
The program's teaching staff includes professionals from the industry who contribute their work experience to this program, as well as renowned specialists from leading societies and prestigious universities.

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 prepare for 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 course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will be able to use Adobe Animate effectively to create your storyboards.

Thanks to the Relearning system used by TECH you will reduce the long hours of study and memorization.



02 Objectives

The priority of this Postgraduate Certificate is to provide graduates with advanced skills in storyboarding. Thanks to this qualification, professionals will use the most cutting-edge tools and software to optimize both the efficiency and the quality of video games. In addition, students will develop storyboards, considering the narrative and visual structure to guide the animation process in a coherent manner. On the other hand, experts will be highly qualified to overcome any challenge that may arise during the course of their work.





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Enjoy the most up-to-date educational content available in innovative multimedia formats to optimize your studies”



General Objectives

- ♦ Master the visual language of 2D animation
- ♦ Apply the fundamental principles of 2D animation to create compelling and engaging sequences
- ♦ Research and apply trends and technological advances in 2D animation, keeping abreast of innovations and adapting practices to industry standards
- ♦ Encourage creativity and originality in the generation of concepts, characters and plots, promoting innovation and differentiation in animated projects
- ♦ Specialize in specific areas of animation, adapting skills to different styles and genres
- ♦ Master the pre-production phases to plan and conceptualize animated projects effectively
- ♦ Implement post-production techniques and marketing strategies to optimize the diffusion and impact of animated productions
- ♦ Analyze and assess one's own work and that of others, identifying areas for improvement and applying adjustments to optimize the final quality of animations





Specific Objectives

- Explore digital alternatives in the creation of storyboards, using advanced tools and software to optimize efficiency and quality
- Develop storyboards designed for animators, considering the narrative and visual structure to guide the animation process in a coherent manner

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An academic institution that adapts to you and designs a program that will allow you to balance your daily activities with a quality program"

03

Course Management

In order to enrich their work, artists must delve into the necessary techniques and apply them effectively. For this reason, TECH offers a Postgraduate Certificate with a teaching staff that is highly qualified in Digital Tools for 2D Animation. These professionals will help students acquire practical skills with which to get the most out of their artistic pieces. It should be noted that these experts have renowned careers, where they have contributed highly creative and original artistic proposals. Students will therefore receive a high-quality learning experience at the current market level.





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A specialized teaching team will share their extensive knowledge of Digital Tools for 2D Animation in this Postgraduate Certificate"

Management



Dr. Larrauri, Julián

- ♦ Executive Producer at Capitán Araña
- ♦ Managing Producer at Arcadia Motion Pictures
- ♦ Head of Production, Director and Writer at B-Water
- ♦ Executive Producer, Production Manager and Head of Development at Ilion Animation Studios
- ♦ Production Manager at Imira Entertainment
- ♦ Ph.D. in Humanities from Rey Juan Carlos University
- ♦ Master's Degree in Executive Production of Films and Series by Audiovisual Business School
- ♦ Master's Degree in Communication and Advertising Management by ESIC
- ♦ Degree in Audiovisual Communication from Complutense University of Madrid
- ♦ Nominated as "Best Production Director" at the Goya Awards for "Mortadelo y Filemón contra Jimmy el Cachondo"



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Take this opportunity to learn about the latest advances in this field in order to apply it to your daily practice"

04

Structure and Content

This university qualification will provide students with the most advanced digital tools for creating 2D animations. The academic itinerary will emphasize the importance of the storyboard as a narrative and production tool. In this sense, the teaching materials will offer the keys to create these sets of illustrations using programs such as Photoshop, Adobe Animate or After Effects. On the other hand, the syllabus will delve into different techniques aimed at voice recording, as well as editing dialogues and sound effects. In addition, the program will promote real-time editing, revisions, and post-production.



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This online methodology allows you, through case studies, to practice in simulated learning environments”

Module 1. Digital Tools

- 1.1. Miniatures
 - 1.1.1. Importance of the Storyboard as a Narrative and Production Tool
 - 1.1.2. Basic Storyboard and Previews
 - 1.1.3. Thumbnails and Initial Scripts
- 1.2. Voice Recording
 - 1.2.1. Voice Recording
 - 1.2.2. Dialog Editing
 - 1.2.3. Music and Sound Effects Editing
- 1.3. Preparation
 - 1.3.1. Format and Aspect Ratio
 - 1.3.2. Composition
 - 1.3.3. Safety Zones
- 1.4. Symbolology
 - 1.4.1. Standardized Symbolology
 - 1.4.2. Simulation of Camera Movements
 - 1.4.3. The Digital Storyboard
- 1.5. Using Storyboard Pro
 - 1.5.1. Interface
 - 1.5.2. Sound Line and Timeline
 - 1.5.3. Additional Tools
- 1.6. Digital Alternatives
 - 1.6.1. Photoshop Storyboard
 - 1.6.2. Adobe Animate Storyboard
 - 1.6.3. Storyboarding in After Effects
- 1.7. Storyboarding for Animators
 - 1.7.1. The Storyboard Artist
 - 1.7.2. Animation Keys in the Storyboard
 - 1.7.3. Working in Layers





- 1.8. Using Roughboard
 - 1.8.1. Graphic Exploration
 - 1.8.2. Rough Board Preparation
 - 1.8.3. Implementation
- 1.9. Graphic Script
 - 1.9.1. Composition
 - 1.9.2. Backgrounds
 - 1.9.3. Working with Characters
- 1.10. Animation
 - 1.10.1. Real-Time Editing
 - 1.10.2. Review
 - 1.10.3. Post-Production

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As this is an online program, you will be able to balance your studies with the rest of your daily activities”

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

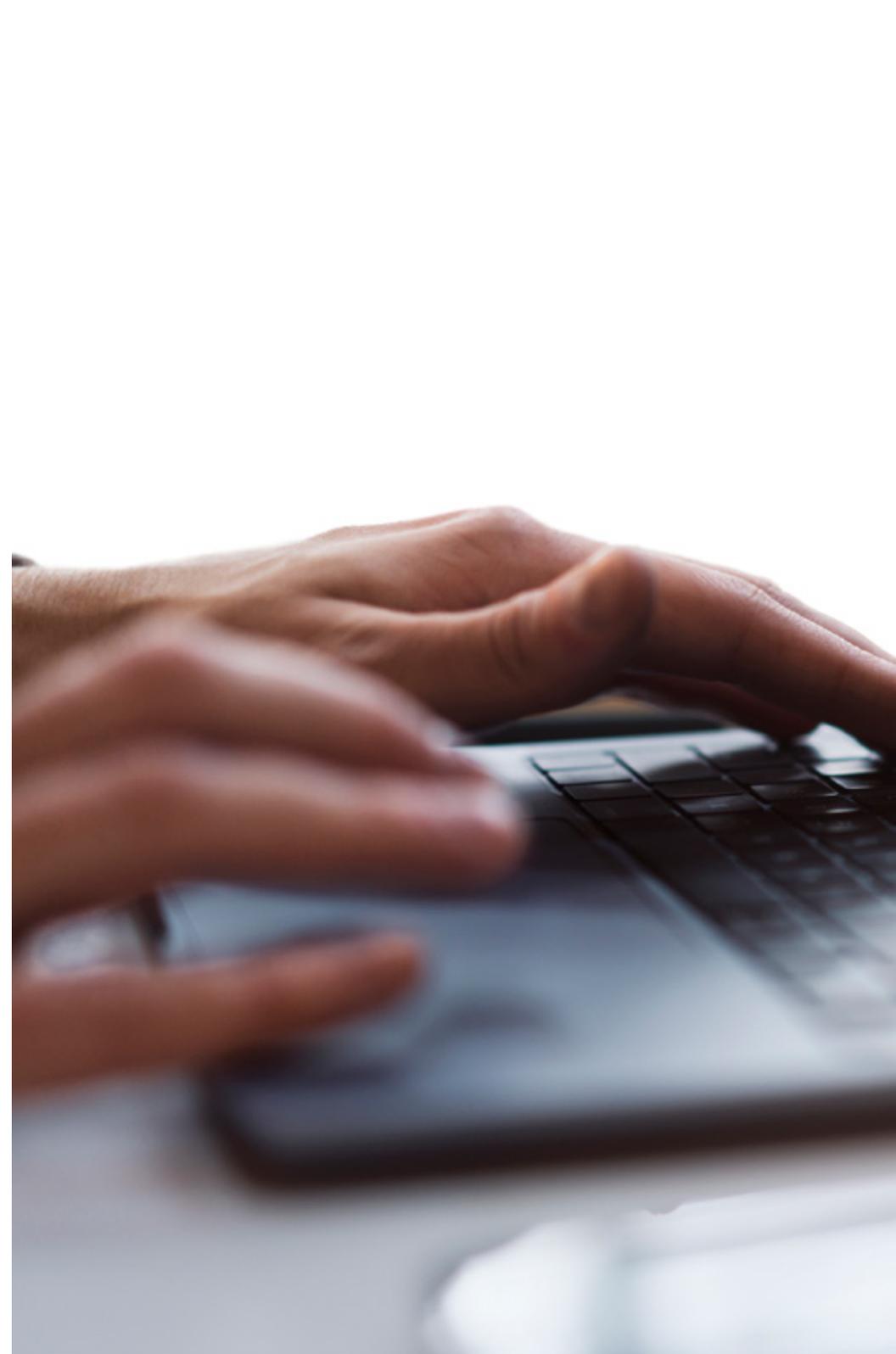
In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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. This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

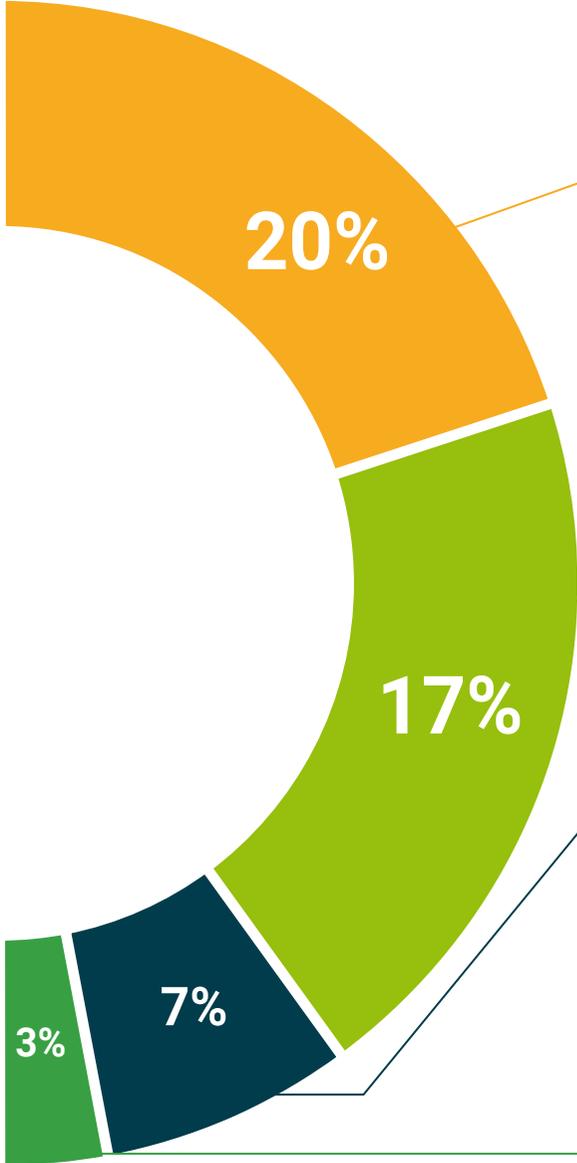
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge. This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Digital Tools for 2D Animation 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 university qualification
without having to travel or fill out
laborious paperwork”*

This private qualification will allow you to obtain a **Postgraduate Certificate in Digital Tools for 2D Animation** 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 private qualification**, 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 Digital Tools for 2D Animation**

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
classroom



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