

# Postgraduate Certificate 2D Character Building





## Postgraduate Certificate 2D Character Building

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of Hours: **150 h.**

Website: [www.techtitute.com/videogames/postgraduate-certificate/2D-character-building](http://www.techtitute.com/videogames/postgraduate-certificate/2D-character-building)

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# 01

# Introduction

If there is a stand out element in the world of video games, without a doubt, it is the characters. These serve to be a fictitious representation of the player, who is looking for them to be as realistic as possible. Within the different companies in the sector, there is greater demand for people who are capable of creating the best individuals for their video games. Through different guidelines and concepts, this program will guide the student to success in the creation of different 2D characters. The methodology used will be an incentive that will help the student to take this program with flexibility and with effective and innovative educational techniques.





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*Specialize with this program and reach the most outstanding companies in the sector by developing a successful professional career”*

Creating a character isn't simple. To do so, it is important to take into account different rules that will serve as a guide to obtain a good final result. Paying attention to the visual elements becomes an almost mandatory task to make the connection between the story and the elements. Humanizing the characters is another key point. Analyzing their body shapes, details, clothes or even their expressions will make them unique and different from the rest.

There are many companies currently dedicated to the design of characters for video games. These are a fundamental pillar and for this reason it is important to design them applying the correct foundations. Although at first glance it may seem simple, it has taken a great deal of work to make them so well known today. It is important to think in detail about the development and elaboration of any protagonist or element you want to build.

There are a series of unavoidable fundamentals in any creative process. This is why proper training is important to develop the necessary skills seamlessly. TECH offers an online methodology that allows students to combine their studies with their work and personal life. Thus, if you have an electronic device with Internet access, you have everything you need to continue learning. But that is not the only important feature of the methodology. *Relearning* is a revolutionary technique that is focused on the repetition of concepts. This ensures that the student retains all the necessary knowledge for optimal learning.

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

- ◆ Practical cases so that learning is carried out in a more direct way
- ◆ Specialized content on development and animation in video games
- ◆ 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



*The Relearning methodology implemented by TECH will make your learning easier, allowing you to integrate your knowledge in a totally successful way”*

“

*TECH offers a learning experience based on the repetition of concepts. This technique has demonstrated a high percentage of efficacy in different students across the world”*

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 during the academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Create the characters you always dreamed of by following the established guidelines and make your ideas a reality.*

*The working world awaits you. Specialize in this field and create the best 2D characters from companies such as Epic Games and Nintendo.*



# 02

# Objectives

This Postgraduate Certificate in Fundamentals of 2D Character Design is designed so that students learn all the necessary knowledge for the correct development of their professional career. This will be the result of a combination of the topics with all the necessary concepts and a highly qualified teaching team.







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*This Postgraduate Certificate will allow you to achieve all your objectives and be able to create innovative and surprising characters, adjusting the design to the current needs of video games”*



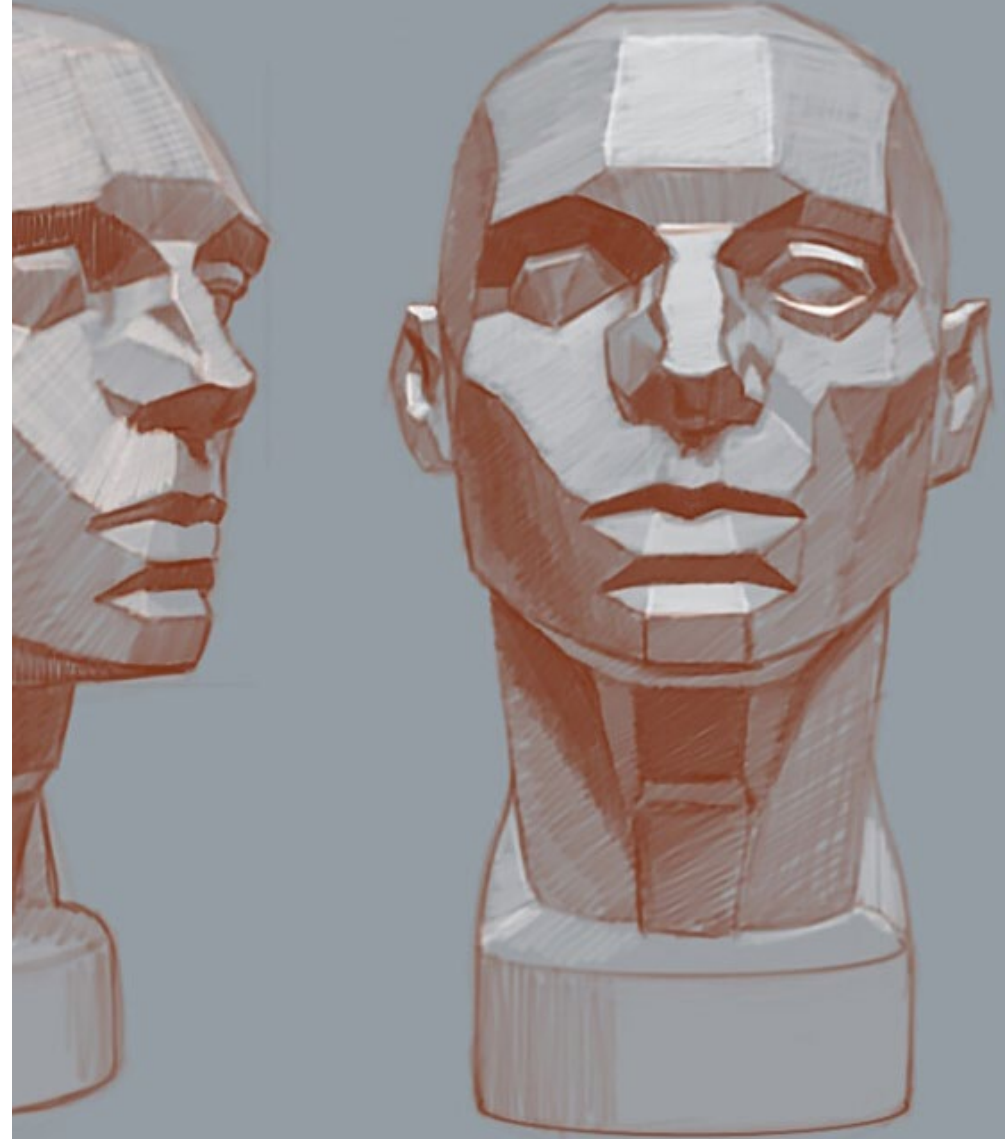
## General Objectives

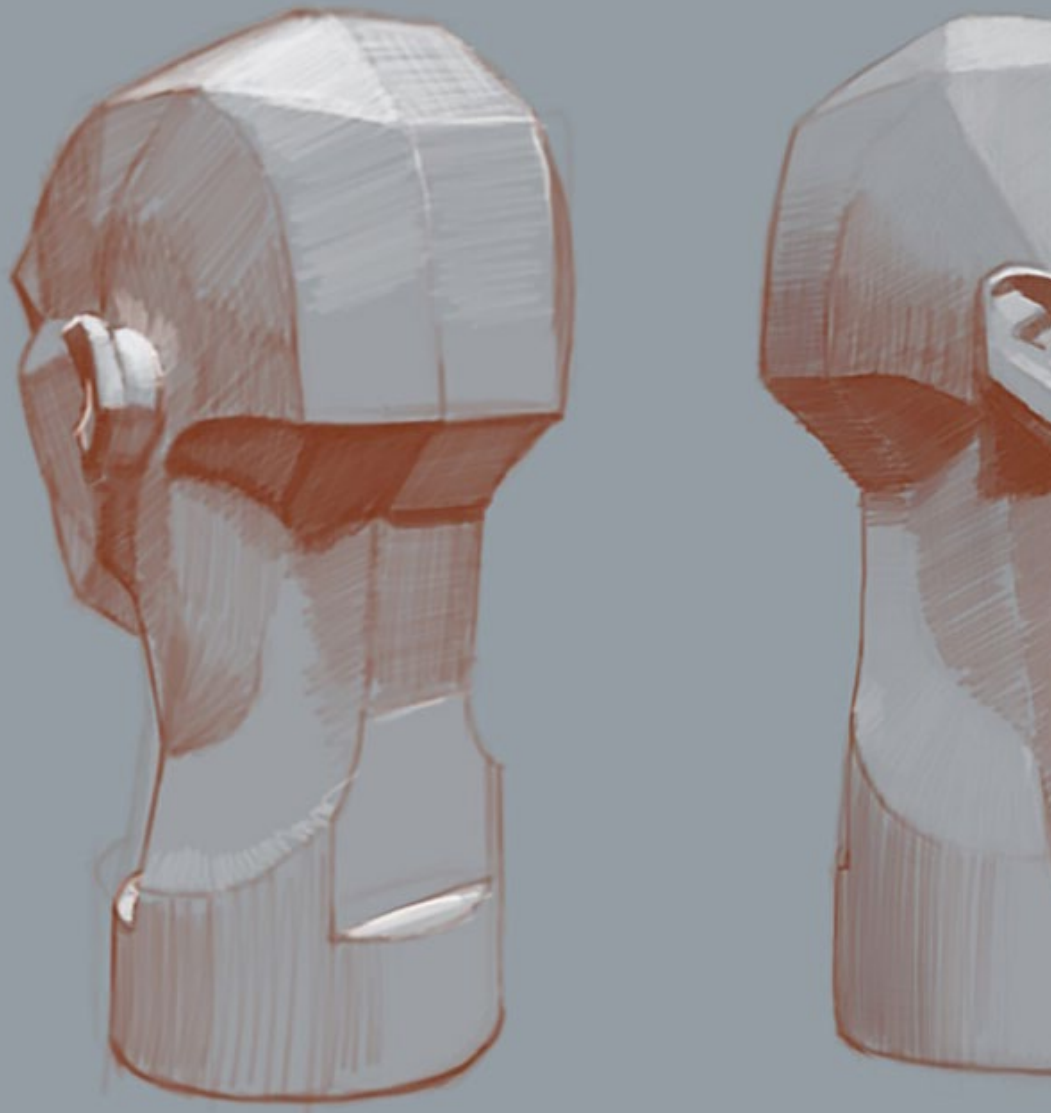
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- ◆ Encourage the necessary documentation and reference taking needed to do the job correctly
- ◆ Know how to structure, create and build characters

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*Learn everything you need to know and embark on an intrepid career adventure in 2D character design”*





## Specific Objectives

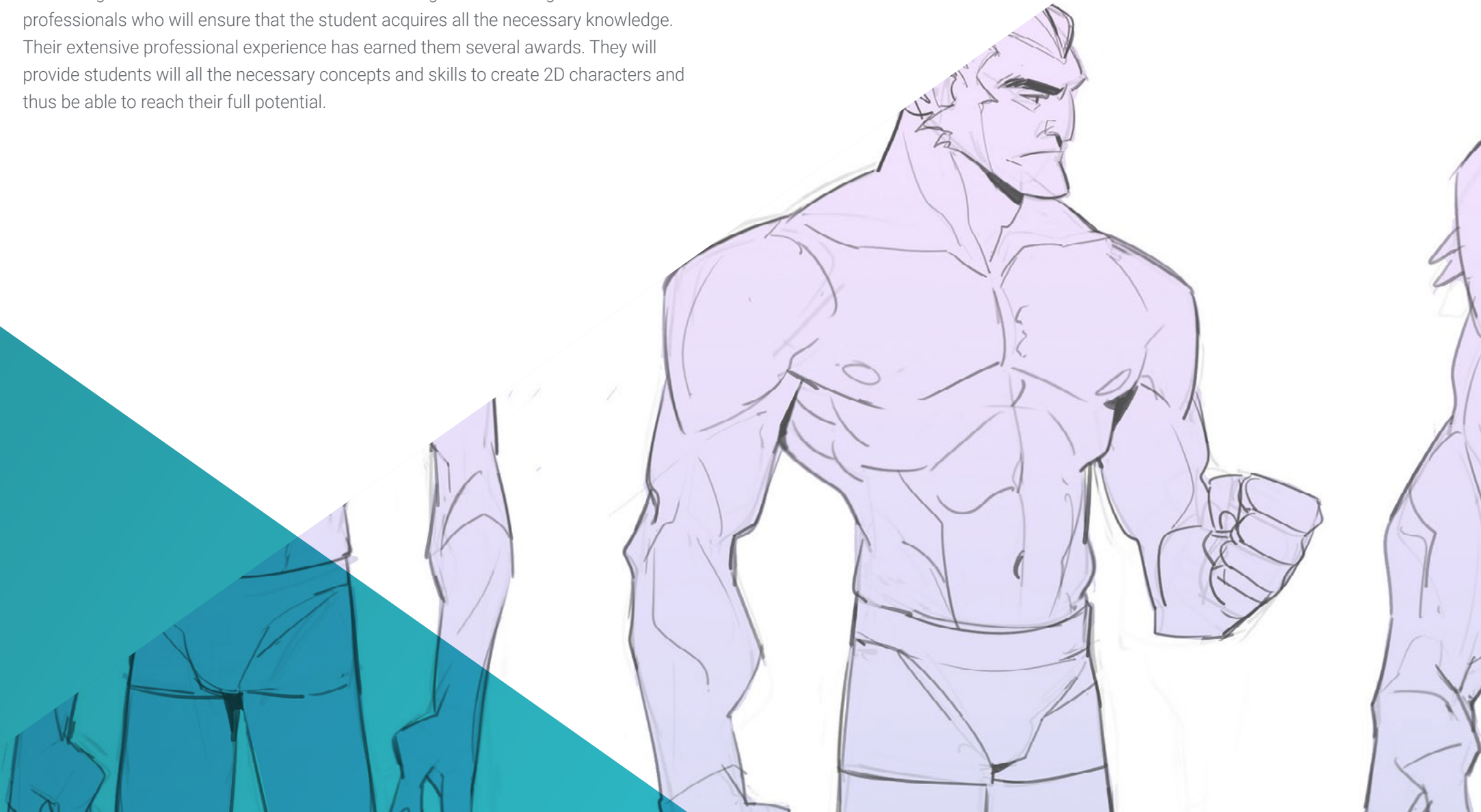
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- ◆ Create characters from the first sketch to the final composition
- ◆ Apply all the anatomical shapes that exist with different geometric shapes and combinations
- ◆ Work action lines and axis with their positions
- ◆ Learn how to create all parts of a character

# 03

# Course Management

This Postgraduate Certificate in 2D Character Building has a teaching team of professionals who will ensure that the student acquires all the necessary knowledge. Their extensive professional experience has earned them several awards. They will provide students with all the necessary concepts and skills to create 2D characters and thus be able to reach their full potential.





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*The best professionals in the sector will instruct you in your path towards 2D Character Building”*

## Management



### Mr. Quilez Jordán, Francisco Manuel

- Background designer and assistant on the Goya award winning short film "Pollo".
- Background designer, storyboarder, animator and assistant on projects such as "A Midsummer Night's Dream", "The Spirit of the Forest", "Wrinkles" and "Phineas and Ferb"
- Intercalator and designer at 12 Pingüinos with projects such as "Las Tres Mellizas" or "Juanito Jones".

## Professors

### Mr. Rodríguez Tendero, Rodrigo

- Cartoon collaborations with the 12 Pingüinos Studio: Tirma, Chupachups, Parque Temático Warner, Kalise-Menorquina, Las tres mellizas, Pollo (short film winner of the Goya Award for best animated short film)
- Design and Illustration Projects in Merlin Games, Antivirus McAfee, Revista Club Megatrix, Amstel and Ikea, among many others



# 04

# Structure and Content

The content of this Postgraduate Certificate will be of great use to the student. They will understand the basis of quality 2D character building. The program offers a wide range of teaching material which will serve as a support for the student. Therefore, they will be able to perfect all the concepts and ideas related to the creation of different characters. In addition, thanks to the professional experience of the teachers, the students will acquire all the necessary knowledge from their own work experience.





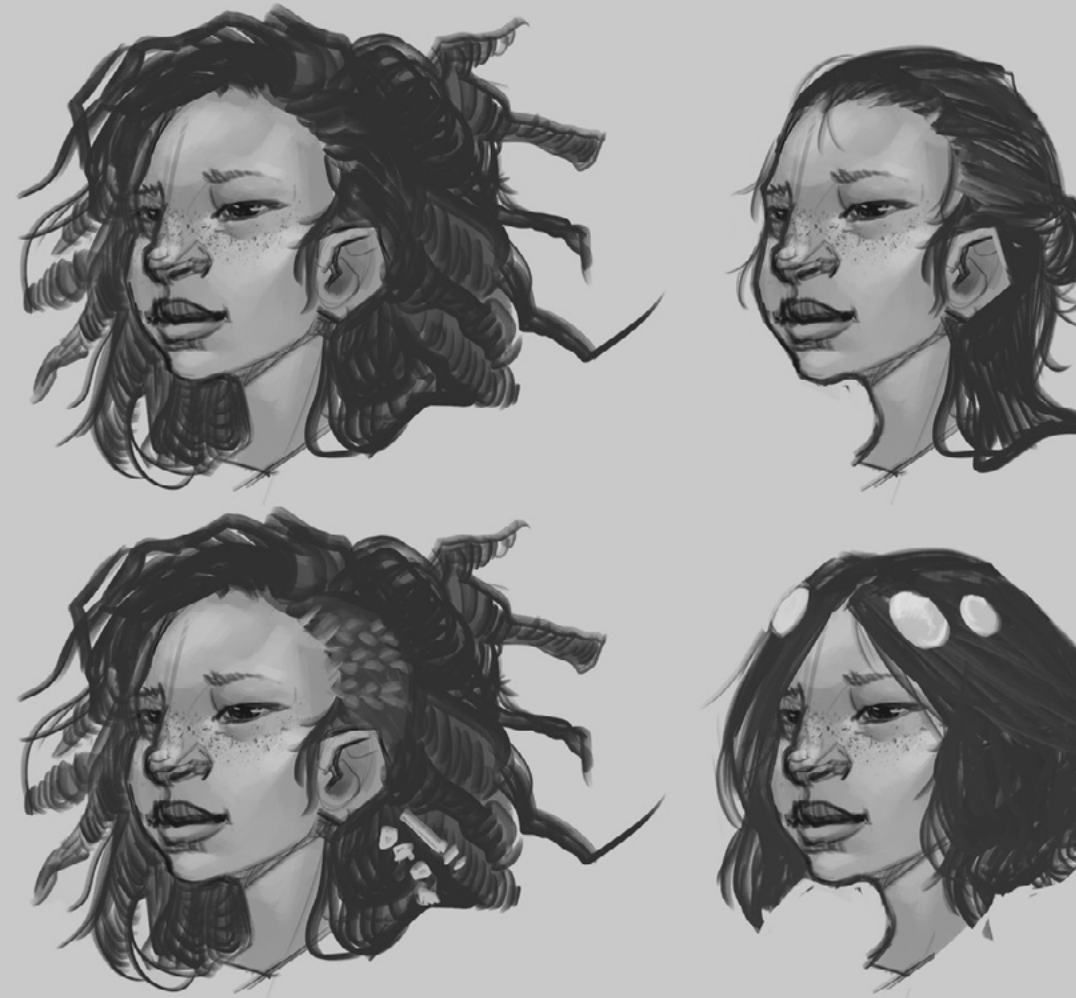


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*In this program, you will find all the necessary content to acquire the knowledge needed for 2D Character Building”*

## Module 1. Character Building

- 1.1. Geometric Shapes
  - 1.1.1. Basic
  - 1.1.2. Combination of Shapes
  - 1.1.3. Axis
- 1.2. Lines of Action
  - 1.2.1. Curves, Horizontal and Diagonal
  - 1.2.2. Simple Shapes in the Line of Action
  - 1.2.3. Structure and Extremities
- 1.3. Complex Shapes
  - 1.3.1. Combined Geometries
  - 1.3.2. Pose
  - 1.3.3. Division of Heads
- 1.4. Anatomy
  - 1.4.1. Classic Human Canon
  - 1.4.2. Proportions
  - 1.4.3. Action Poses
- 1.5. Head
  - 1.5.1. Construction
  - 1.5.2. Axis
  - 1.5.3. Eyes and Parts of the Face
- 1.6. Hair
  - 1.6.1. Female
  - 1.6.2. Male
  - 1.6.3. Hairstyles



- 1.7. Creation of *Cartoon* Characters
  - 1.7.1. Exaggerated Proportions
  - 1.7.2. Heads and Expressions
  - 1.7.3. Silhouette and Poses
- 1.8. *Cartoon* Animals
  - 1.8.1. Pets
  - 1.8.2. Quadrupeds and Birds
  - 1.8.3. Other Types
- 1.9. Extremities
  - 1.9.1. Construction
  - 1.9.2. Joints
  - 1.9.3. Poses
- 1.10. Hands
  - 1.10.1. General Construction
  - 1.10.2. Human
  - 1.10.3. *Cartoon*

“

*This Postgraduate Certificate is designed so that learning will add to your knowledge. Thanks to the online methodology, you will decide how, when and where to study”*



# 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.





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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.

“

*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 business 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. Over the course of 4 years, you will be presented with multiple practical case studies. You will have to combine all your knowledge, and research, argue, and defend your 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.

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.



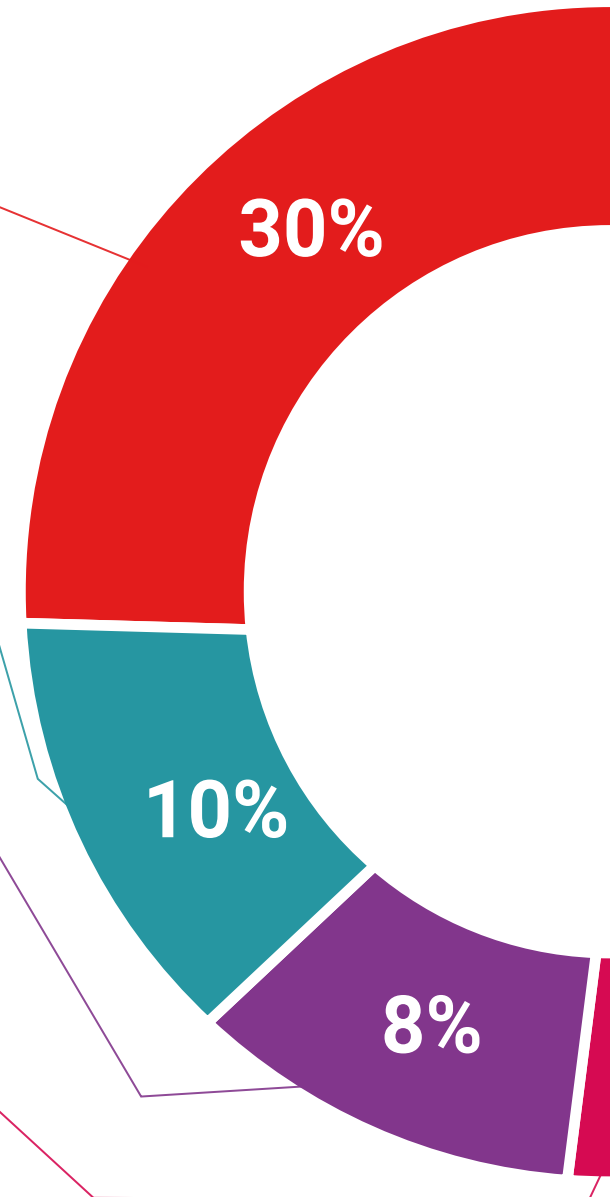
### Practising Skills and Abilities

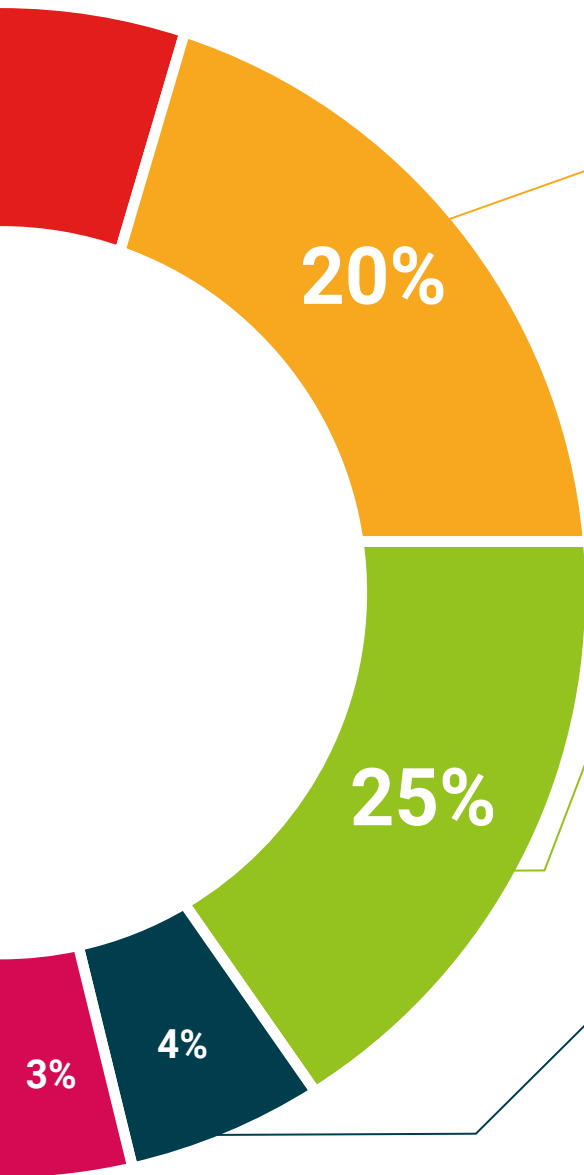
They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization we live in.



### 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.



06

# Certificate

The Postgraduate Certificate in 2D Character Building guarantees, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.



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*Successfully complete this program and receive your university degree without travel or laborious paperwork”*

This **Postgraduate Certificate in 2D Character Building** 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 2D Character Building**

Official N° of Hours: **150 h.**



\*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.

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



## Postgraduate Certificate 2D Character Building

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of Hours: **150 h.**

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