Postgraduate Certificate
Model Sheet for 2D Characters

tech *technological university*

Postgraduate Certificate
Model Sheet for
2D Characters

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official Nº of hours: **150 h.**

Website: **www.techtitute.com/videogames/postgraduate-certificate/model-sheet-2D-characters**

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Introduction

The world of video games and technology in general is constantly changing and being developed. Thanks to different techniques, designers have been able to improve those aspects that made the graphics look less realistic and unnatural. The model sheet has been a key element in the elaboration of character design. Through this program, the student will be able to learn and manage a model sheet, which will be very helpful in planning and carrying out their creations. TECH has everything necessary to ensure that the learning process is comfortable and effective while being interesting and profitable at the same time.

"

Learn to plan and organize you characters based on the most effective techniques of the moment"

If there is something that has changed completely in the world of video games it is the improvement in graphics. Not only the color and quality of the images, but, above all, the spontaneity with which the characters move and the continuity that they have acquired between one scene and the next. A few years ago it was unnatural to see Spyro flying awkwardly and not making player immersion possible due to the lack of naturalness. However, this aspect has improved over the years thanks to different techniques and advances such as the model sheet.

The model sheet is an essential part of the design of any character. Thanks to this we will work on aspects such as body language or proportions, among others. The objective is to maintain continuity of a character from scene to scene, which is very important in its creative development. The model folder is therefore a vital element in the development of the characters of a video game in which it is possible to work on all the necessary elements of the character.

This course aims to provide the student with the essential knowledge for the use of a model sheet. Thanks to a comprehensive syllabus and highly qualified teachers, success is guaranteed. The online modality on which the program is based, makes it the ideal option for those students who can combine their learning with other aspects of their lives. It is worth mentioning TECH's innovative methodology, which reinforces all the important concepts of the syllabus through Relearning. This is an innovative technique in the field of education that has adapted the way of studying to the digital age in which society is immersed.

This **Postgraduate Certificate in Model Sheets for 2D Characters** 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

Thanks to the online methodology on which this Postgraduate Certificate is based, you will be able to choose at which moment in the day you want to study"

"Thanks to our platform, you don't need books. Everything you need you will have just one click away, whenever you want"

Naturalness and movement are two key words when talking about Model Sheet.

Enjoy learning about how to improve your creations.

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.

Objectives

There are many objectives within this program, all of them aimed at achieving the correct development of the student in the sector. This Postgraduate Certificate in Model Sheets for 2D Characters seeks perfection in the creation of characters through movement and naturalness. Together with the resources provided in this program, the student will learn to effectively use the *model sheet*. But not only that, they will also learn the different techniques and indispensable requirements for a comprehensive learning experience.

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Your goals are the same as ours. Ensure that you advance towards your great professional future"

General Objectives

- Know how to structure, create and build characters
- Gain deeper knowledge in the development of model portfolios needed in the animation industry
- Exhaustively develop characters specifically for 2D and 3D video games

Give life to your characters with the best techniques in the sector"

Specific Objectives

Module 1. Model Sheet

- Learn how to create all the necessary resources for the animation of a character
- Construction and development of a complete model sheet portfolio
- Know the requirements for carrying out designs
- Know the different techniques applied to specific characters
- Know the most current styles

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Course Management

The teaching team in this Postgraduate Certificate are highly qualified to provide the student with the necessary knowledge in the use of the model sheet. Thanks to their professional experience, where they have developed this technique, they will offer the students tips and advice to make optimal use of the resources.
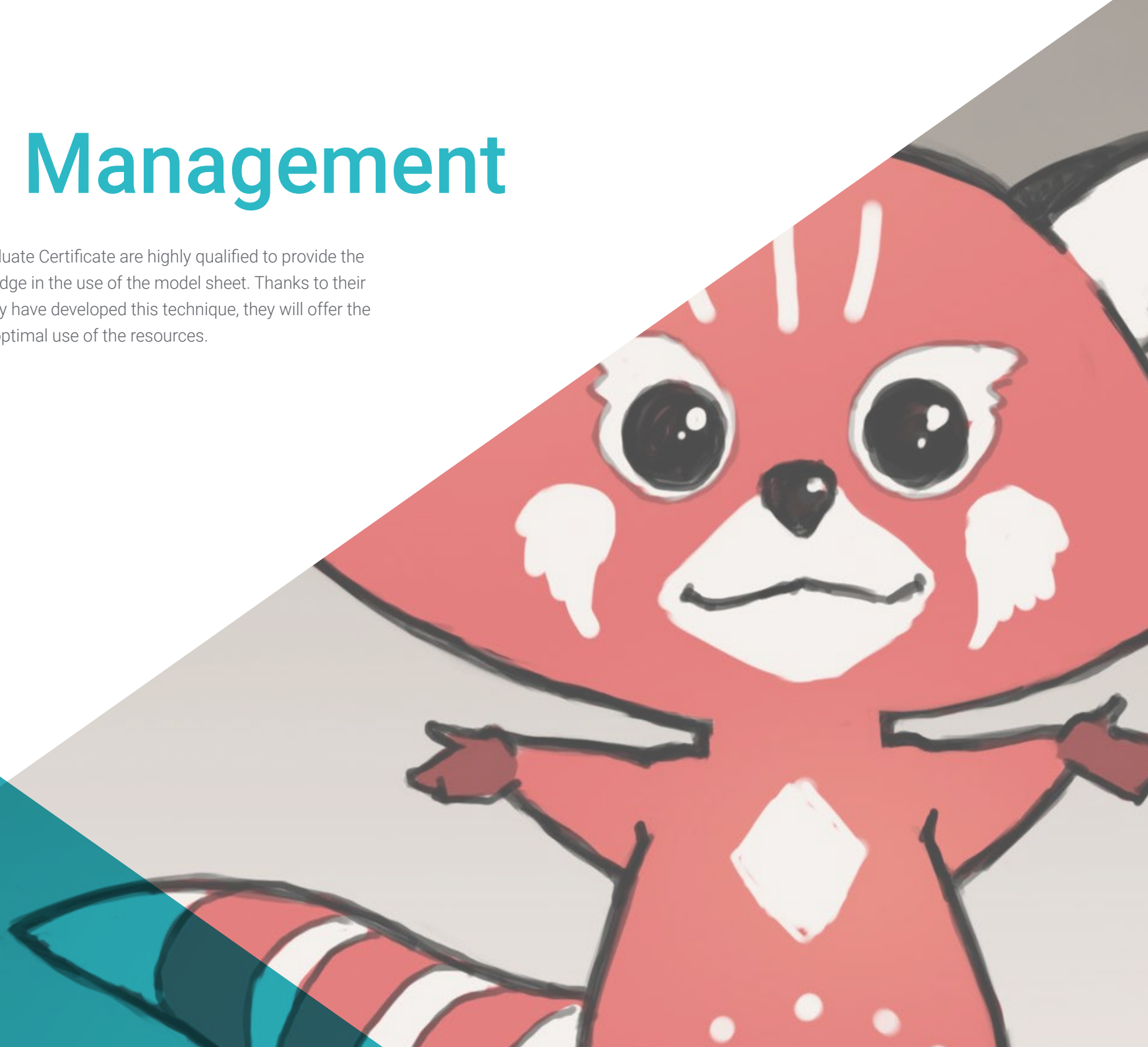
Make the most of the experience of a highly qualified staff who will teach you in the use of the model sheet in order to improve your creations"

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. Sirgo González, Manuel
- Manager and director of the production company 12 Pingüinos SL
- Manager and director of the production company Cazatalentos SL
- Academic Member of the Academy of Motion Picture Arts and Sciences of Spain
- Professor at the Complutense University of Madrid, in the Faculty of Fine Arts, of the course Experimental Drawing and 2D Animation

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Structure and Content

In order to achieve good development of a character in a video game, it is important to make it as natural as possible in its poses and movements. The correct use of the model sheet is essential for this task. The big companies of the sector are looking to stand out with their creations and therefore, a good creation development is extremely important. All the content of this program is designed to help the student acquire knowledge on the correct use of the model sheet. In this way, they will know how to recognize and use this technique correctly and get satisfactory results.

Quality content with everything you need to know to develop your skills in character design"

Module 1. Model Sheet

Give your characters real and natural movement by following the guidelines marked out by the Model Sheet"

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 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.

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 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.

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.

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Certificate

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

Successfully complete this training program and receive your university certificate without travel or laborious paperwork"

This **Postgraduate Certificate in Model Sheets for 2D Characters** 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 Model Sheets for 2D Characters**

Official Nº of Hours: **150 h.**

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Awards the following

CERTIFICATE

to

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

POSTGRADUATE CERTIFICATE

in

Model Sheet for 2D Characters

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

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.

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.

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