Postgraduate Certificate
Use of Drones for Photography

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Postgraduate Certificate
Use of Drones for Photography

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

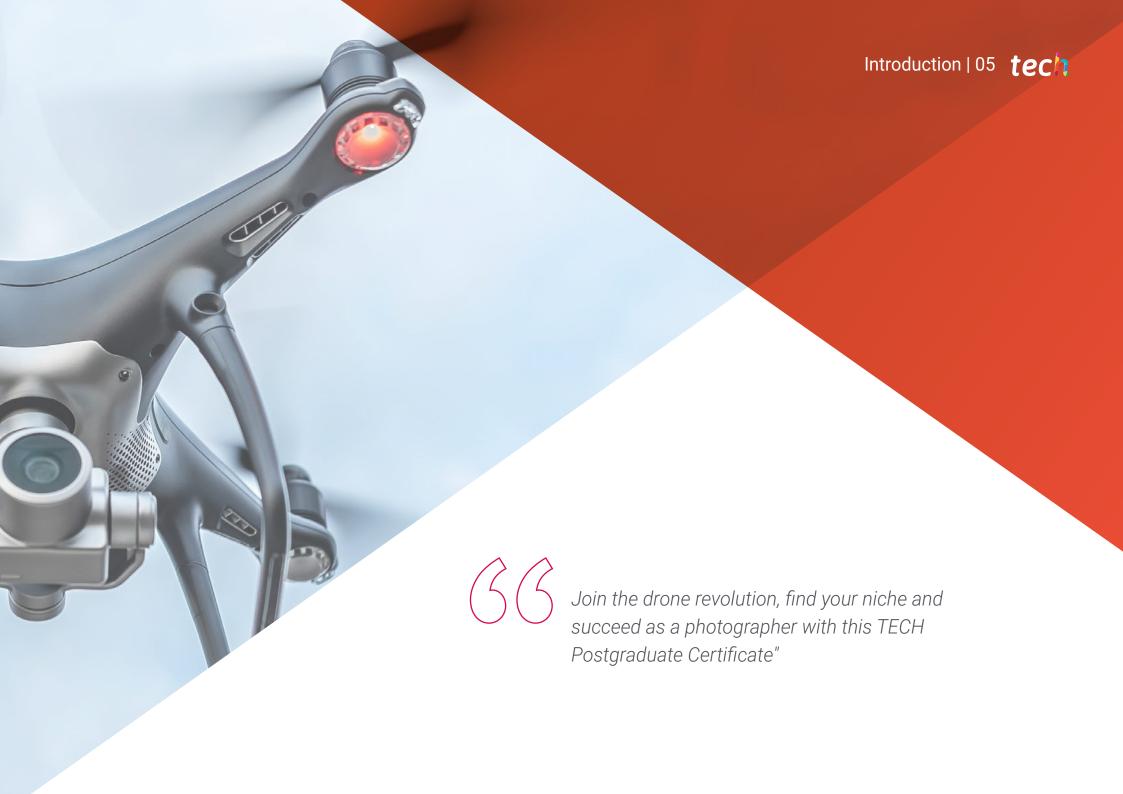Website: **www.techtitute.com/us/journalism-communication/postgraduate-certificate/use-drones-photography**

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01
Introduction

Since its invention, photography has undergone various remarkable advances. In our century, in addition to the advent and democratization of exceedingly high-quality digital photography, there has been an unprecedented milestone in the history of this art. This is the Use of Drones for Photography, thanks to which, for the first time, it is possible to photograph practically everything from a bird's eye view. With the aim of contributing to the expansion of this new art, TECH aids the perfection of techniques used in this field with this educational program.

Join the drone revolution, find your niche and succeed as a photographer with this TECH Postgraduate Certificate"

The explosion of the drone phenomenon around the globe has brought about a true revolution in the world of photography in both the amateur and professional fields. The photographs that can be taken from high altitudes using drones are often breath-taking and would not be replicable - at least not with the same visual and emotional intensity - on the ground.

Until just a few years ago, to obtain the photos that these devices now allow, it was necessary to invest heavily in helicopters or even airplanes, a luxury that only a handful of photographers could afford. Aerial photographs were thus monopolized by those with sufficient capital.

However, in a matter of a decade, the world of photography has changed completely. With the purchase of a drone for a few hundred euros, even an amateur can become a respectable photographer who shares his shots. The artistic possibilities that heights offer have multiplied the creative potential of the shutter and the strong demand for new and more spectacular images on the internet has made drone photography the new trend.

All you have to do is find a good niche, track down an aesthetic objective from the sky, and set out to photograph it. As business segments, nature and scenery, as well as festivals and concerts, have proven to be particularly profitable. Thus, there is still a world to conquer in areas such as photojournalism, a sector that is, in reality, inexhaustible.

In short, the drone is here to stay and that is why TECH Technological University offers all types of photographers a Postgraduate Certificate to master the Use of Drones for Photography.

The **Postgraduate Certificate in Use of Drones for Photography** contains the most complete and up-to-date academic program on the market. Its most notable features are:

- The examination of case studies presented by experts in this in the field
- Graphic, schematic, and practical contents which provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self-assessment can be undertaken to improve learning
- A 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

A Postgraduate Certificate to learn how to take the best pictures from a drone, always in full compliance with the current legal regulations"

Dare to venture into the exciting world of aerial photography with the ideal Postgraduate Certificate to learn everything about the drone"

Join the drone revolution, find your niche and succeed as a photographer with this TECH Postgraduate Certificate.

Being able to create, from the heights, high-quality photographic content will give you plenty of job opportunities.

The program's teaching staff includes professionals from the sector who pour their work experience into this Postgraduate Certificate, 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 learning designed for real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to resolve the different professional practice situations that arise during the academic year. For this, the professional will be assisted by an innovative system of interactive videos made by recognized experts with a wealth of professional experience.

02
Objectives

This academic program was created with the objective of teaching the student the requisite knowledge on the different types of drones and their special features, and mastery of the essential concepts to work with a drone in a safe way. Furthermore, the student will know how to discern between good and bad locations and will learn to look for the best framing. They will also acquire drone filming skills. In short, with this course, TECH aims to create strong professionals in the field.

Piloting a drone for photographic purposes has never been easier. Make up your mind now and start this Postgraduate Certificate tomorrow"

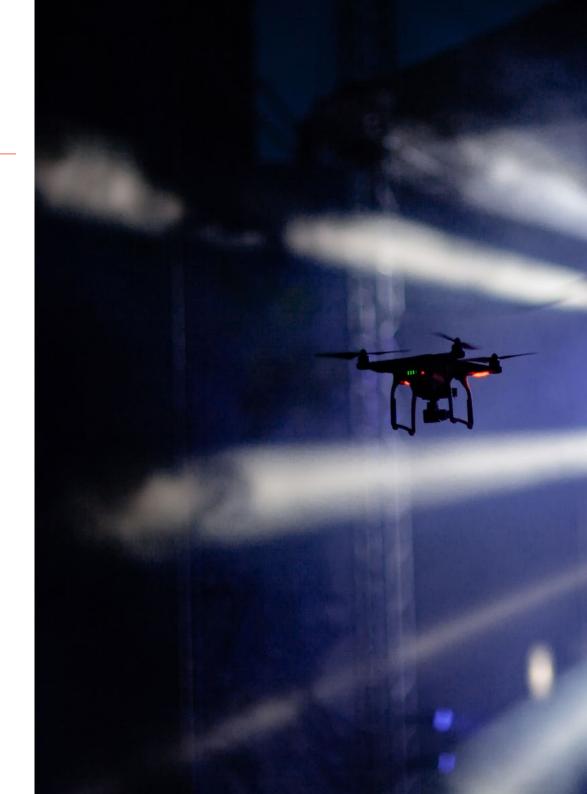## General Objectives

- Master photographic technique from basic to advanced level
- Create a concept with an audiovisual narrative structure
- Build a personal portfolio of high quality and high market impact
- Develop creative talent and a professional attitude
- Build a professional portfolio and a personal brand

Specific Objectives

- Become familiar with the basic considerations for legality and safety with drones
- Learn how to plan a drone flight
- Learn the differences between traditional photography vs. Drone Photography
- Introduction to drone video recording
- Learn how to become a professional drone photographer

Make the most of this opportunity and acquire tools to enhance your expertise in this field"
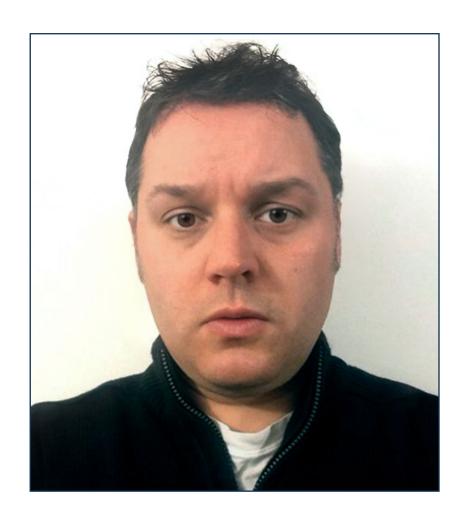
03
Course Management

This academic program is taught by María García Barriga, a professional in the world of communication with extensive experience in the creation of audiovisual content. Daniel Nuevo, an expert in the field with extensive teaching experience, will also be present. Nuevo has worked for himself and for others, dealing directly with a multitude of clients from different sectors. In 2020 he created Operadrone to offer official training and consulting for drone pilots. His goal: to meet all the needs of drone pilots and ensure that they never fly alone.

As always, TECH has called on the best teachers. Let yourself be taught by the profession's elite"

International Guest Director

James Coupe is an internationally renowned artist whose work delves into themes of **visibility, labor and Surveillance Capitalism**. He works with a wide range of media, including Photography, Video, Sculpture, Installation and Digital Media.

His recent works include real-time public surveillance systems, deepfake interactive installations and collaborations with Amazon Mechanical Turk micro-workers. At the same time, reflecting on **the impact of Big Data, immaterial labor and AI,** his pieces explore searches, queries, automation, classification systems, the use of algorithmic narratives, surplus value and human affect. His ongoing investigations at the intersection of art, technology, human rights, ethics and privacy position him as a true visionary and a **leader in the field of global critical-creative thinking.**

James Coupe is Professor of Art and Experimental Media and Head of Photography at the Royal College of Art. Prior to assuming this position, he was a professor in the Department of Digital Art and Experimental Media (DXARTS) at the University of Washington in Seattle for nearly two decades. While there, he helped establish the DXARTS practice-based PhD program as one of the world's leading PhD programs in Digital Art.

His 2020 project, "Warriors," was **a milestone in the use of deepfake technology in a mainstream art space**. Beyond the technical infrastructure and machine learning models he uses to make his work, **his interests in synthetic media transcend disciplinary boundaries**: ethics and best practices for dealing with and detecting fake media, artistic exploration of deceptive, altered, and parafictional media, and emerging opportunities in filmmaking, algorithmic film, and narrative.

His work, **both solo and group**, has been exhibited at renowned galleries such as the International Center of Photography in New York, Kunstraum Kreuzberg in Berlin, FACT Liverpool, Ars Electronica and the Toronto International Film Festival. At the same time, he has received **numerous awards and prizes**, such as those from Creative Capital, Ars Electronica, HeK Basel and Surveillance Studies Network.

Dr. Coupe, James

- Head of Photography at the Royal College of Art
- Former Professor, Department of Digital Art and Experimental Media, University of Washington
- Author of a dozen solo exhibitions and participant in twenty group shows
- D. in Digital Art and Experimental Media from the University of Washington- Professional Master's Degree in Creative Technology from the University of Salford in Manchester (UK)
- Professional Master's Degree in Fine Art (Sculpture) from the University of Edinburgh (UK)

" *Thanks to TECH, you will be able to learn with the best professionals in the world"*

Management

Ms. García Barriga, María

- Digital Marketing Professional
- More than 15 years of experience in content generation of various kinds: logistics and distribution, fashion and literature or artistic heritage conservation
- She has worked in major media outlets such as RTVE and Telemadrid
- Graduate in Information Sciences, UCM
- Postgraduate course in Marketing and Communication in Fashion and Luxury Companies, UCM
- MBA from ISEM Fashion Business School, the Fashion Business School of the University of Navarra
- PhD Candidate in Fashion Trend Creation
- Author of The Pattern of Eternity: Creating a Spiral Identity for Automating Fashion Trends

Professors

D. Nuevo Duque, Daniel
- Founder of Operadrone
- 10 years of experience as a photographer and camera operator

Structure and Content

This educational program has been configured within a framework of 150 hours divided into 10 topics in which the student will learn all about climatic factors that influence drone photography; weather and workplace planning; careful evaluation of weather conditions and the limits and restrictions imposed by law for the exercise of this profession. In short, this is a program that is as precise as a shutter and leaves no loose ends.

Master the Use of Drones for Photography and create your own clientele on the Internet"

Module 1. The Use of Drones for Photography

You will take your post-production skills to the next level on a program with excellent academic credentials"

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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.

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 we face in the case method, an action-oriented learning method. Throughout the program, the studies 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, through collaborative activities and real cases, how to solve complex situations in real business environments.

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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.

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 Use of Drones for Photography 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 Use of Drones for Photography** contains the most complete and up-to-date academic 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 diploma 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 Use of Drones for Photography**

Official Nº of hours: **150 h.**

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Awards the following

DIPLOMA

to

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

POSTGRADUATE CERTIFICATE

in

Use of Drones for Photography

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 diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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