

# Postgraduate Certificate

Using ICT in History and  
Geography in High School



VIRTUAL  
CLASSROOM



## Postgraduate Certificate Using ICT in History and Geography in High School

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

Website: [www.techtitute.com/in/education/postgraduate-certificate/using-ict-history-geography-high-school](http://www.techtitute.com/in/education/postgraduate-certificate/using-ict-history-geography-high-school)

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# 01

# Introduction

ICT offers educators numerous teaching and programming resources that enable them to obtain resources of great interest. In the area of geography and history they prove highly useful as they are backed by the knowledge of available tools and systems. This program has been created to enable teachers to acquire that knowledge in a single, structured, quality program. An exceptional opportunity to study at a high-quality university.





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*Incorporate into your teaching what ICT resources have to offer in geography and history and put them at the service of the highest quality and impact in your work”*

Technological support in teaching offers numerous advantages to both teachers and students. In order to implement it effectively in the classroom, teachers require very up-to-date knowledge so they can become familiar and handle the different tools that exist. This Postgraduate Certificate will teach you how to make the most of these tools.

Teachers should be aware of the development of their discipline over time and of the various legislative changes that have taken place in the field of education, in order to improve their skills when teaching an everchanging and evolving student body.

It is precisely given this need to update that this Postgraduate Certificate offers teachers a special treatment of ICT, extremely current tools in our education system that serve as attractive vehicles to engage students.

Moreover, as this Postgraduate Certificate delves into different methodological and assessment techniques, educators will be able to develop the necessary capacity to establish a satisfactory teaching-learning process with their students.

“*An efficient, highly instructional and impactful Postgraduate Certificate that will optimize your effort and convert it into performance with the best learning system on the market”*

This **Postgraduate Certificate in Using ICT in History and Geography in High School** contains the most complete and up-to-date program on the market. Its most notable features are:

- ♦ A large number of practical cases presented by experts in Teaching History and Geography in High School The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ The latest news on Teaching History and Geography in High School
- ♦ It contains practical exercises where the self-evaluation process can be carried out to improve learning
- ♦ Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- ♦ With special emphasis on evidence-based methodologies in Teaching History and Geography in High School
- ♦ All of this will be complemented by 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



*Learn everything you need to incorporate ICT into your work and acquire new, more interesting and efficient skills to teach your subject”*

The teaching staff includes teaching professionals in the field of Teaching History and Geography in High School, who bring their experience to this program, as well as renowned specialists belonging to leading societies and prestigious universities.

The multimedia content developed with the latest educational technology will provide students with situated and contextual learning, i.e., a simulated environment that will provide immersive learning programmed to study in real situations.

This program is designed around Problem-Based Learning, whereby students must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative, interactive video system developed by recognized experts in the field of Teaching History and Geography in High School who have extensive teaching experience.

*Learn how to include the enormous work possibilities technology has to offer in teaching.*

*We promote your professional and personal growth through the highest-quality teaching systems.*



02

# Objectives

The main objective of the program is to develop theoretical and practical learning, so professionals can master the specific work methods in teaching geography and history in a practical and rigorous way. Including the latest updates and new protocols in the field.





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*Get to know the potential of new technologies and learn how to use them, improving efficiency and classroom results”*



## General Objectives

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- ♦ Delve into student motivation and teacher roles in this task, for which diverse cognitive theories must be introduced
- ♦ Have an impact on the motivation of adolescents specifically, getting to know them and being able to mediate in class conflicts
- ♦ Provide methodological tools so the teachers that enroll in the program can motivate students





## Specific Objectives

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- ♦ Develop teacher knowledge of ICTs, showing them how to use them and how to prepare teaching materials with the newest technologies
- ♦ Teach them how to critically appraise the use of ICT in order to protect students in the judicious use of new technologies



# 03

# Course Management

The program includes in its teaching staff leading experts in ICT in History and Geography in High School, who pour into this program the experience of their work. In addition, other experts of renowned prestige participate in its design and planning completing the program in an interdisciplinary manner.



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*Learn the latest advances in procedures  
in ICT in History and Geography in High  
School from leading professionals”*

## Management



Mr. Cañestro Donoso, Alejandro

- ♦ PhD in Art History, University of Murcia
- ♦ Professor, University of Murcia

## Professors

### Ms. Domínguez Alonso, Lourdes

- ♦ Major in History, University of Alicante
- ♦ Degree in History, University of Alicante
- ♦ Master's Degree in Compulsory Secondary and High School Education
- ♦ Vocational Training and Language Teaching



# 04

# Structure and Content

The contents have been structured and designed by a team of professionals from the best educational institutions and universities in the country, who are aware of the relevance of up-to-date, innovative training and are committed to quality teaching using new educational technologies.







“

*Learn through a system focused on real and practical learning with the most complete and updated syllabus”*

## Module 1. ICT

- 1.1. What is ICT? Use in Education
  - 1.1.1. Definition of ICT
  - 1.1.2. Advantages
  - 1.1.3. Digital Competencies in Educational Settings
- 1.2. ICT Use in High School
  - 1.2.1. Digital Tools
  - 1.2.2. Web-Based Tools
  - 1.2.3. Mobile Devices
- 1.3. Social Networks
  - 1.3.1. Definition of Social Networks
  - 1.3.2. Main Social Networks
  - 1.3.3. Using Social Networks in Education
- 1.4. Geographic Information System (GIS) and Its Importance in the Geography
  - 1.4.1. Geographic Information Systems: What Are They?
  - 1.4.2. GIS Organisation and Structures
  - 1.4.3. GIS in Education
- 1.5. ICT in Teaching and Learning History and Geography
  - 1.5.1. Web Resources of Historical and Geographical Interest
  - 1.5.2. Interactive Websites
  - 1.5.3. Gamification
- 1.6. Introduction to Developing Digital Teaching Material
  - 1.6.1. Creating and Editing Videos
  - 1.6.2. Creating Presentations
  - 1.6.3. Creating Educational Games (Gamification)
  - 1.6.4. Creating 3D Models
  - 1.6.5. Google Tools





- 1.7. Use and publication of Digital Teaching Materials
  - 1.7.1. Means of Publishing Audiovisual Resources
  - 1.7.2. Means of Publishing Interactive Resources
  - 1.7.3. Augmented Reality in the Classroom
- 1.8. Critical Spirit in the Use of Web Resources
  - 1.8.1. Student Education in the Use of New Technologies
  - 1.8.2. The Problem of Privacy Online
  - 1.8.3. Treating Information on the Internet Critically
- 1.9. ICT Teaching Materials in Teaching History and Geography
  - 1.9.1. First Cycle of Secondary Education (Middle School)
  - 1.9.2. Second Cycle of Secondary Education (High School)
  - 1.9.3. Baccalaureate (High School)



*A unique, key, and decisive educational experience to boost your professional development”*

05

# Methodology

This training program offers 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"*

## At TECH Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

*With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



*It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.*

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

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

1. Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
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.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our University is the first in the world to combine case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.

*Educators will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*





At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 85,000 educators with unprecedented success in all specialties. 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.*

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.

The overall score obtained by our learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



#### Study Material

All teaching material is produced by the specialist educators who teach the course, specifically for the course, so that the teaching content is really 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.



#### Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### 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 multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



#### 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.





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**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 your goals.



**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.



**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 Using ICT in History and Geography in High School guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

This **Postgraduate Certificate in Using ICT in History and Geography in High School** 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 Using ICT in History and Geography in High School**

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  
online training  
development language  
virtual classroom



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