Postgraduate Certificate

Programming, Planning, and Evaluation in Flipped Classroom

tech global university

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Postgraduate Certificate

Programming, Planning, and Evaluation in Flipped Classroom

- Modality: **online**
- Duration: **12 weeks**
- Certificate: **TECH Global University**
- Accreditation: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/education/postgraduate-certificate/programming-planning-evaluation-flipped-classroom**

Index

01 Introduction p. 4

02 Objectives p. 8

03 Course Management p. 12

04 Structure and Content p. 16

05 Study Methodology p. 20

06 Certificate p. 30

01

Introduction

The Programming, Planning, and Evaluation in Flipped Classroom model is a wonderful opportunity for innovation both inside and outside the classroom, as it combines pedagogy with technology. And all of this is achieved without compromising problem-solving, student creativity, talent development, promoting cooperation, and fostering inclusion.

Learn about the latest advancements in programming, planning, and evaluation in flipped classroom.

This Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom will instill a sense of confidence in the performance of your profession, helping you grow both personally and professionally"

This Postgraduate Certificate will help you discover and learn how to work with one of the most powerful alternatives to traditional or lecture-based classes, alongside other active learning methodologies. Its possibilities and the results achieved, combined with the use of ICT and student-centered teaching, make this model an innovative future-oriented approach, as it increases classroom working time and its effectiveness, with the student becoming the protagonist of their own learning.

This Postgraduate Certificate is therefore intended to be a starting point for all those teachers who believe that a different kind of school and teaching method is possible.

Teachers will not only be qualified for professional performance in the classroom, but will also be able to propose educational innovations to improve the quality of teaching, increasing student motivation.

This is an advance over the eminently pedagogical programs, focused on teaching, which do not address in depth the educational context and the characteristics of students as central axes, without forgetting the role of teaching innovation.

This vision allows a better understanding of the functioning of the technology center from different areas so that the professional can have different options for its application in their job according to their interest.

This **Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom** contains the most complete and up-to-date educational program on the market. The most important features include:

- Development of more than 75 practical cases presented by experts in programming, planning, and evaluation in flipped classroom
- 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
- Latest developments on programming, planning, and evaluation in flipped classroom
- It contains practical exercises where the self-assessment process can be carried out to improve learning
- With special emphasis on innovative methodologies in programming, planning, and evaluation in flipped classroom
- Content that is accessible from any fixed or portable device with an internet connection

Update your knowledge through the Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom"

This Postgraduate Certificate can be the best investment you make in selecting a professional development program for two reasons: in addition to updating your knowledge in programming, planning, and evaluation in flipped classroom, you will receive a diploma for the Postgraduate Certificate from TECH Global University"

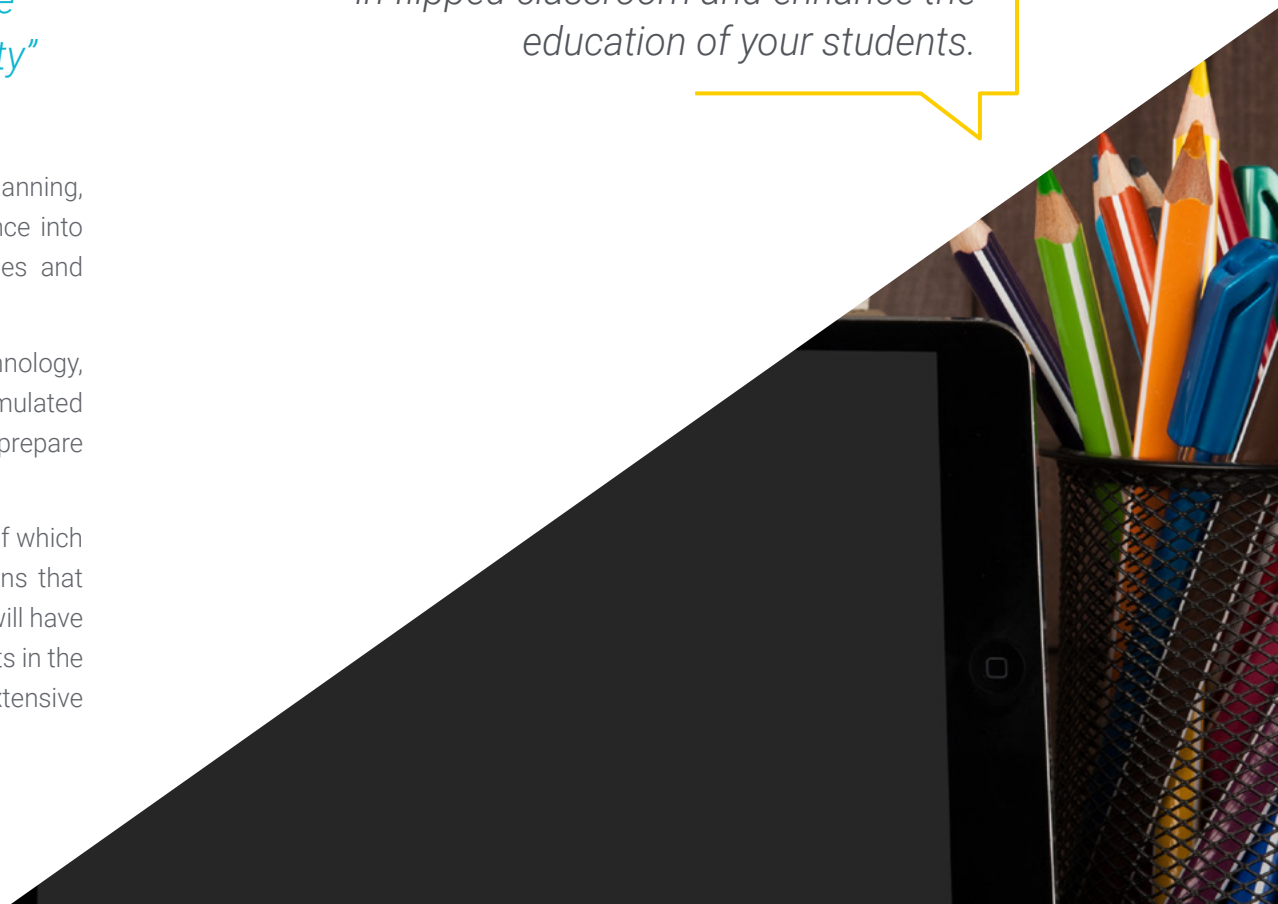
Increase your decision-making confidence by updating your knowledge through this Postgraduate Certificate.

Take advantage of the opportunity to learn about the latest advancements in programming, planning, and evaluation in flipped classroom and enhance the education of your students.

The program includes faculty members from the field of programming, planning, and evaluation in flipped classroom, who bring their professional experience into this specialization, alongside recognized specialists from leading societies and prestigious universities.

Thanks to its multimedia content, developed with the latest educational technology, professionals will benefit from situated and contextual learning—simulated environments designed to provide immersive learning experiences that prepare them for real-life situations.

The design of this program is based on problem-based learning, by means of which the educator must try to solve the different professional practice situations that arise throughout the Postgraduate Certificate To support this, the educator will have access to an innovative interactive video system created by renowned experts in the field of Programming, Planning, and Evaluation in Flipped Classroom, with extensive teaching experience.



02

Objectives

The Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom is designed to support professionals dedicated to cooperative learning and other methodologies.

This Postgraduate Certificate is aimed at helping you update your knowledge in programming, planning, and evaluation in flipped classroom, using the latest educational technology to contribute effectively and confidently to decision-making and student monitoring"

General Objectives

- Change the conception of time and space in the classroom
- Discover the new role of the teacher and their attitude towards methodological change
- Incorporate new methodologies focused on cooperation, innovation, and problem-solving
- Learn tools and their application in a didactic sequence
- Evaluate, co-evaluate, and self-assess using digital tools and rubrics
- Design a Flipped Classroom
- Understand the importance of active learning methodologies in the Flipped Classroom and how the Flipped Classroom helps improve other methodologies
- Learn what the Flipped Classroom Model is
- Understand its integration into the methodological shift in education
- Analyze the strengths of the model, potential difficulties, and how to solve them
- Learn tools and their use for creating videos and materials for use in the Flipped Classroom
- Learn about and explore games and gamification as forms of learning linked to the Flipped Classroom

Specific Objectives

- Program with Bloom's taxonomy in mind
- Know how to use individual and group space
- Understand the importance of learning management systems
- Design a flipped unit
- Evaluate flipped learning
- Learn to use digital tools for evaluation
- Learn to manage the classroom with digital tools
- Evaluate in a playful way
- Reflect on the establishment of learning objectives
- Value the importance of feedback for the improvement of the learning process

Take advantage of the opportunity and take the step to get up to date with the latest advancements in managing programming, planning, and evaluation in flipped classroom"

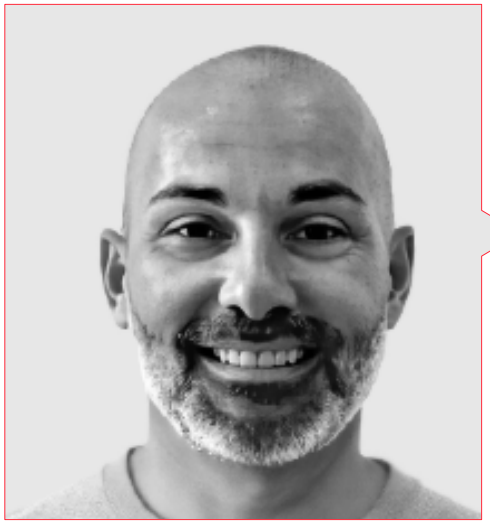
03

Course Management

The program includes a faculty of leading specialists in programming, planning, and evaluation in flipped classroom, who bring their professional experience into this training. In addition, other specialists of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary manner.

Learn from leading professionals about the latest advancements in procedures within the field of programming, planning, and evaluation in flipped classroom"

Management



Mr. Azorín López, Miguel Ángel

- Teacher specialized in Physical Education
- Expert in the Flipped Classroom (level I Flipped Learning and level I Trainer Flipped Learning, TOP-100 Flipped Learning Worldwide Teachers)

Teachers

Ms. Payá López, Miriam

- Teacher specialized in English as a Foreign Language, ICT expert

Mr. Asencio Ferrández, Aarón

- Teacher specialized in Primary Education, Level I Flipped Learning

An impressive teaching staff, made up of specialists from different areas of expertise, will be your teachers during your education: a unique occasion not to be missed"

04

Structure and Content

The structure of the contents has been designed by a team of professionals from the best educational centers and universities in the national territory, aware of the relevance of updating in order to be able to intervene in the program and accompany students with high capacity, and committed to quality teaching through new educational technologies.

This Postgraduate Certificate in Programming, Planning and in Flipped Classroom will Assessment has the most complete and up-to-date scientific program on the market"

Module 1. Programming and Planning in the Flipped Classroom Model

1.1. Why Flip Our Classroom?
- 1.1.1. Evidence Of The Need For A Flipped Classroom

1.2. Bloom's Taxonomy for Programming
- 1.2.1. Defining the Cognitive Levels of Bloom's Taxonomy

1.3. Individual Space
- 1.3.1. Individual Space for the Teacher and Student

1.4. Learning Management System
- 1.4.1. Google Classroom
- 1.4.2. Padlet

1.5. Group Space
- 1.5.1. What to Do in the Group Space?

1.6. Design of a Flipped Unit
- 1.6.1. Elements of a Flipped Unit
- 1.6.2. Example of a Flipped Unit

1.7. How Can You Evaluate Your Flipped Class?
- 1.7.1. Different Strategies for Evaluating Our Students

A unique, essential, and decisive experience to boost your professional development"

Module 2. A New Form of Evaluation

2.1. Kahoot
- 2.1.1. Description of the Tool
- 2.1.2. Game Modes
- 2.1.3. Creation of Activities

2.2. Socrative
- 2.2.1. Description of the Tool
- 2.2.2. Game Modes
- 2.2 3. Creation of Activities

2.3. Google Forms
- 2.3.1. Description of the Tool
- 2.3.2. Document Creation

2.4. EdPuzzle
- 2.4.1. Description of the Tool
- 2.4.2. Creation of Activities

2.5. Headings
- 2.5.1. Description of the Rubric Evaluation System
- 2.5.2. Creation of Rubrics

2.6. iDoceo
- 2.6.1. Description of the Tool
- 2.6.2. Learning to Manage the Classroom with iDoceo

2.7. Addittio
- 2.7.1. Description of the Tool
- 2.7.2. Learning to Manage the Classroom with Addittio

2.8. CoRubrics
- 2.8.1. Description of the Tool
- 2.8.2. Creating Rubrics with CoRubrics

2.9. Google Classroom
- 2.9.1. Description of the Tool
- 2.9.2. Learning How to Manage Virtual Classrooms and Their Tasks

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.

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.

"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.

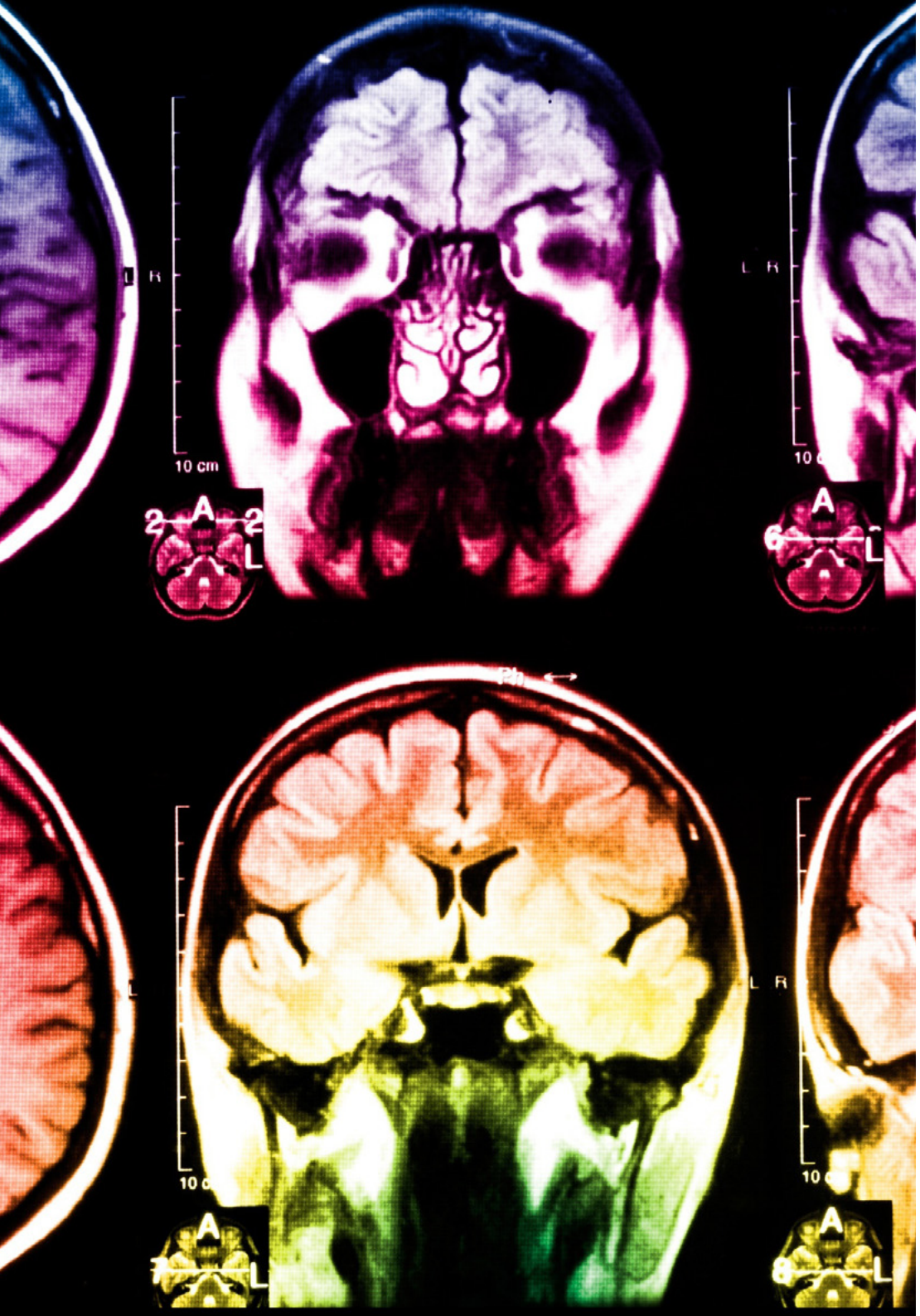
In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

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 teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, 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.

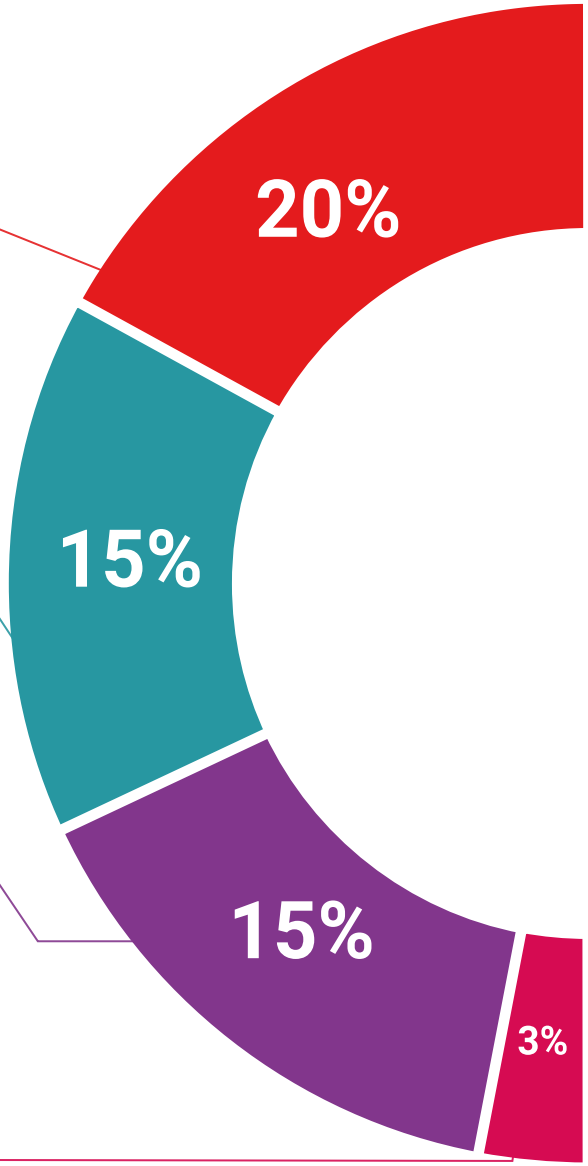
Interactive Summaries

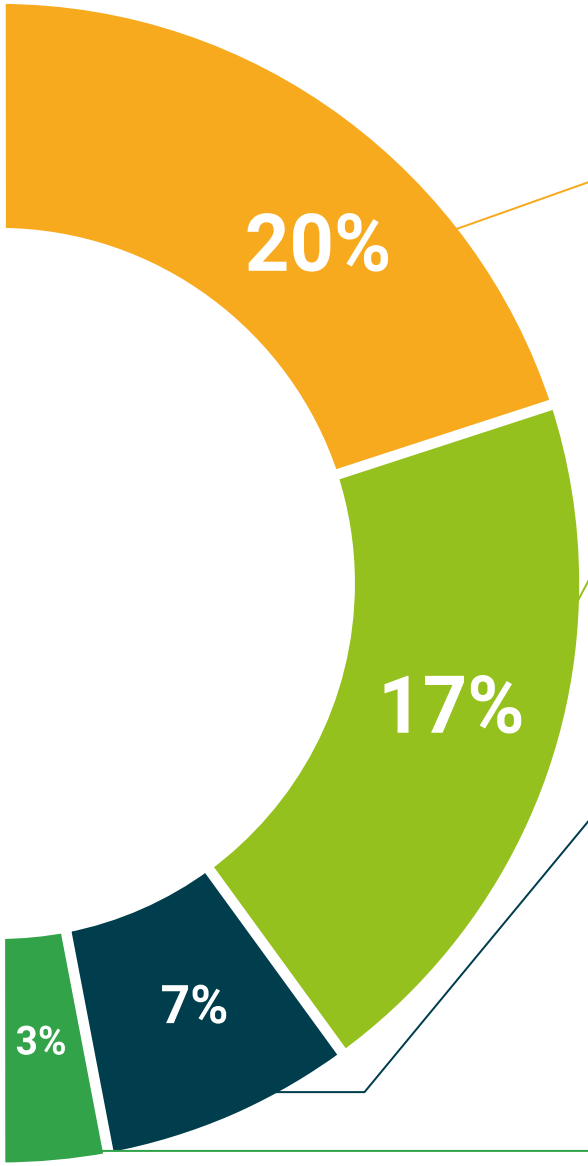
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Programming, Planning, and Evaluation in Flipped Classroom guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate issued by TECH Global University.

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 diploma for the **Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom** 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.

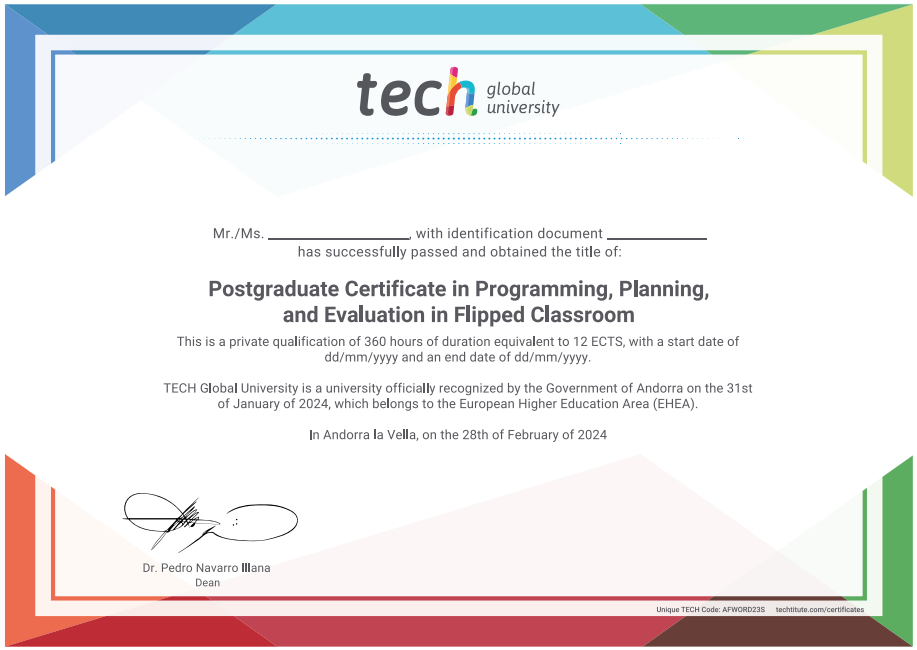
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom**

Modality: **online**

Duration: **12 weeks**

Accreditation: **12 ECTS**


tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Programming, Planning, and Evaluation in Flipped Classroom

This is a private qualification of 360 hours of duration equivalent to 12 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

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 Global University will make the necessary arrangements to obtain it, at an additional cost.

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- Certificate: **TECH Global University**
- Accreditation: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Certificate

Programming, Planning, and Evaluation in Flipped Classroom

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