Postgraduate Certificate
Curricular Materials and Educational Technology

tech global university

Postgraduate Certificate
Curricular Materials and Educational Technology

» Modality: **online**
» Duration: **6 weeks**
» Certificate: **TECH Global University**
» Credits: **6 ECTS**
» Schedule: **at your own pace**
» Exams: **online**

Website: **www.techtitute.com/us/education/postgraduate-certificate/curricular-materials-educational-technology**

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Introduction

To carry out an adequate psychopedagogical intervention at school requires the support of materials that encourage, structure and give it therapeutic and educational validity. In this program, students will be able to acquire all the latest developments in this discipline.

The most effective and advanced curricular materials, in a highly qualified specific program"

Psychopedagogy has reached, by its own merits, a place of recognition in the current scientific panorama. The knowledge of this discipline has become the subject of Articles, Monographs, and Publications at International level that have shaped a Panorama of great interest for the Professional. These developments have led to advances in Techniques, Disciplines, and Modes of Presence and Intervention that make constant updating an Indispensable Condition.

This increasingly broad program leaves the educational center in order to reach all types of sectors, specifically the socio-labor field, where it becomes an invaluable asset. The new social and labor circumstances, the new educational challenges, the vertiginous evolution of cultural contexts and many other challenges, require the greatest capacity in the professionals of Psychopedagogy.

In terms of intervention, mediation with families has also become increasingly important. The incursion of new technologies in social, school, or family life, sexual or functional diversity, or any of the new paradigms are not static, but evolve and constantly require a competent look that supports, guides, and serves as a reference and, in turn, has adequate professional support.
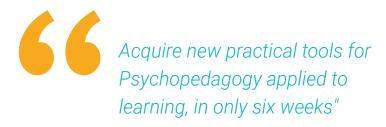
A thorough overview of intense challenges that, in this comprehensive program, TECH tries to help students face. With the most complete human and technological resources that will allow us to move forward in a safe, comfortable and efficient manner.

This **Postgraduate Certificate in Curricular Materials and Educational Technology** contains the most complete and up-to-date program on the market. Its most notable features are:

- Practical cases presented by Psychopedagogy Experts
- Designed with graphic, schematic, and eminently practical content
- Latest advancements on School Psychopedagogy
- 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
- Evidence-based Methodologies in School Psychopedagogy
- 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 comprehensive program, that will provide you with all the necessary knowledge to access this important area of work"

Acquire new practical tools for Psychopedagogy applied to learning, in only six weeks"

Add the qualification your résumé needs in an increasingly demanding labor market.

With the best facilities so you can combine your studies with your personal or professional life, without any problems and with total independence.

The teaching staff of this Postgraduate Certificate in Curricular Materials and Educational Technology is made up of professionals in the sector, who pour all their knowledge and experience into this program to produce quality content, in addition to recognized specialists belonging to leading societies and prestigious universities.

The Multimedia Content has been elaborated with the latest Educational Technology, which will allow the Professional a situated and contextual learning, through which the student will be able to study in a simulated environment in which they will be able to learn in real situations.

The design of this program is based on Problem-Based Learning, so that the professional will have to try to solve the different situations of Professional Practice that arise throughout the training. For this reason, students will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of School Psychopedagogy with extensive teaching experience.

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Objectives

The main objective of this program is to offer a high-quality complement to students' skill sets. Through the development of a very complete program, TECH will accompany you in the acquisition of the necessary skills and competencies to be able to deal with the challenges that Psychopedagogy faces in the exercise of its task. But it will also promote personal growth through a curriculum created to encourage intellectual development.

A comprehensive program that will allow you to incorporate your knowledge to your professional work immediately"

General Objectives

- Acquire new competencies and skills in the area of Psychopedagogy
- Get up to date in the field of Psychopedagogy in the school area
- Develop the capacity to face new situations in the school context
- Encourage interest in the constant updating of professionals
- Get to know the different intervention options
- Learn new ways of dealing with special educational needs
- Achieve an efficient framework for assessment, diagnosis and guidance
- Be able to research and innovate in order to respond to new demands

Specific Objectives

- Learn about the new role of the 2.0 counselor
- Study the possibilities of the Internet as a support for the educational field
- Learn ICTs in the context of attention to diversity

Achievable, measurable, and highly applicable objectives — so your efforts deliver the results you need"

Course Management

For our program to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record in the field of education. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.

An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during the program: a unique opportunity not to be missed"

Management

D. Alfonso Suárez, Álvaro

- Teacher of Educational Reinforcement for Students with Specific Educational Needs
- Technician in Social and Health Care for Dependent People in Social Institutions
- Social integration technician: Design, development and evaluation of social insertion interventions for people with severe mental illness
- Graduate in Psychopedagogy from the University of Laguna

04

Structure and Content

The structure of the contents has been designed by a team of professionals from leading schools and universities. Structured in specific units, it will allow you to learn in a gradual and sustained way, without losing motivation during the process.

A carefully developed, educational program to offer a highly effective updating and specialization process"

Module 1. Curricular Materials and Educational Technology

1.1.   Educational Guidance in the Information Society

    1.1.1.   Educational Guidance and New Competences of the Guidance Counselor in the Framework of Information Technologies

        1.1.1.1. New Concept of Educational Guidance in the Framework of the Information Society

        1.1.1.2. New Competencies of the Guidance Counselor

1.2.   Materials and Media as Teaching and Learning Support

    1.2.1.   Curricular Materials, Methodological Principles for its Use and Evaluation

        1.2.1.1. Curricular Materials for the Improvement of the Teaching-Learning Process

        1.2.1.2. Characteristics and Types of Curricular Materials

        1.2.1.3. Use and Assessment of Different Types of Curricular Materials

        1.2.1.4. Educational Technology

1.3.   Curricular Materials for New Teaching and Learning Methodologies and Education Innovation (I)

    1.3.1.   Student-centered Learning, from Planned Curriculum to Curriculum in Action

        1.3.1.1. New Learner-centered Educational Paradigm

        1.3.1.2. Planned Curriculum and Curriculum in Action

    1.3.2.   The Concept of Educational Innovation and New Educational Methodologies

        1.3.2.1. Educational Innovation

        1.3.2.2. Cooperative Learning

1.4.   Curricular Materials for New Teaching and Learning Methodologies and Education Innovation (II)

    1.4.1.   Problem-based Learning, Thinking Culture, Project-oriented Learning, Gamification, and Flipped Classroom

        1.4.1.1. Problem-Based Learning

        1.4.1.2. Thinking Culture

        1.4.1.3. Project-oriented Learning

        1.4.1.4. Gamification

        1.4.1.5. *Flipped Classroom*

1.5.   The Information Society: ICT in Education

    1.5.1.   Challenges of Education in the Information Society: Training Citizens in Media Education

        1.5.1.1. ICT

        1.5.1.2. New Reality in the Information Society

        1.5.1.3. Educational Challenges in the Information Society

        1.5.1.4. Media Education

1.6.   Curricular Integration of ICT

    1.6.1.   Integration of ICT as an Object of Study, Institutional Integration, and Didactic Integration

        1.6.1.1. ICT as an Object of Study

        1.6.1.2. Institutional Integration of ICT

        1.6.1.3. ICTs in the School Curriculum and Didactic Integration

1.7.   Internet in Learning: School 2.0 and E-Learning Models

    1.7.1.   Concept and Characteristics of 2.0 Schools. E-Learning and B-Learning, Professional Development and Online Universities. MOOCs

        1.7.1.1. School 2.0

        1.7.1.2. E-learning and B-learning

        1.7.1.3. Online Programs

        1.7.1.4. MOOCs

    1.7.2.   Possibilities of the Internet for the Communication and Professional Development of Educators

        1.7.2.1. Communication and Professional Development of Educators on the Internet

1.8.   Personal Learning Environments (PLE) in Lifelong Learning

    1.8.1.   PLE Definition, Characteristics and Elements

        1.8.1.1. Lifelong Learning

        1.8.1.2. Personal Learning Environments, Definition and Characteristics

        1.8.1.3. Fundamental Elements and Construction of a PLE

    1.8.2.   The PLE in the Work of the Counselor

        1.8.2.1. Use of PLE in the Guidance Function

*This is your moment; push yourself
with an intensive program that will put
you at the forefront of the job market"*

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.

" *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.

"

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.

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)

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.
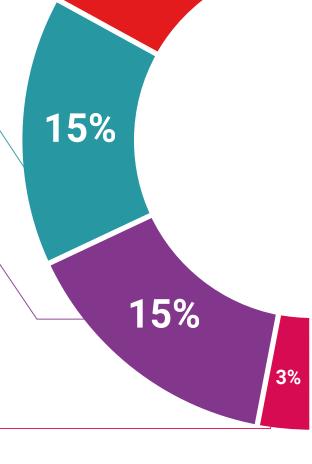
Educational Techniques and Procedures on Video

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.

20%

15%

15%

3%

20%

17%

7%

3%

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

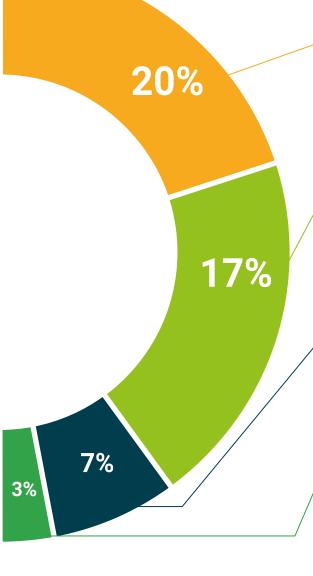There is scientific evidence suggesting that observing third-party experts can be useful.

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.

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Certificate

This Postgraduate Certificate in Curricular Materials and Educational Technology guarantees students, in addition to the most rigorous and up-to-date education, access to a 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 program will allow you to obtain your **Postgraduate Certificate in Curricular Materials and Educational Technology** 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** title 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 Curricular Materials and Educational Technology**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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

Postgraduate Certificate in Curricular Materials and Educational Technology

This is a program of 180 hours of duration equivalent to 6 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
Rector

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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