

Postgraduate Certificate Educational Research and Innovation and Change Management



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

Website: www.techtute.com/in/education/postgraduate-certificate/educational-research-innovation-change-management

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01

Introduction

Today, teachers have a role that goes beyond the teaching of subjects. The teacher is an agent who can identify, diagnose needs, and promote changes in educational practices. This is the reason for the rise of the research professor who promotes innovation. In this line, TECH has created this proposal that provides the most advanced content on the paradigm shift, the incursion of new technologies in schools and educational orientation towards learning. All this, in addition, with 100% online multimedia content, developed by an excellent team of experts with extensive experience in the education sector.



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This 100% online program will allow you to create innovative educational improvement projects that will transform your school”

There is a large body of scientific literature on methodology, educational models or organizational structures in schools developed by researchers outside the field of study. Nowadays, however, there is a commitment to promote the figure of the research teacher, who is capable of applying analytical techniques and creating innovative projects aimed at transforming teaching.

In this scenario, educational guidance goes a step further and involves the teachers themselves in a task that goes beyond the teaching of a specific subject. Some of the challenges it faces include applying new pedagogy, employing learning-oriented strategies and promoting digital literacy. In this context, TECH has created this Postgraduate Certificate in Educational Research and Innovation and Change Management in an exclusively online format.

A program with an advanced syllabus, which will take students over 150 hours to deepen their knowledge of socio-community educational innovation, classroom guidance and all the essential elements for designing, developing and evaluating a transformation project. For this purpose, video summaries, detailed videos and specialized readings are available. In addition, thanks to the case studies you will get a much more practical vision, which will allow you to integrate the methodology shown in your day-to-day work.

Also, with the Relearning system used by TECH you will not spend so many hours of study and memorization, since the repetition of key content throughout this educational journey will allow you to consolidate the new concepts in a simple way.

An excellent opportunity offered by this educational institution to professionals who wish to progress in the teaching sector through a flexible and convenient program. Students only need an electronic device with an Internet connection to view the content hosted on the virtual platform. A freedom that gives you the ease of combining daily responsibilities with a Postgraduate Certificate that is at the forefront.

This **Postgraduate Certificate in Research and Innovation and Change Management** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ The development of case studies presented by experts in teaching in High School Education
- ♦ 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
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its 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



This program is designed so that you can combine your daily responsibilities with a first-class education"

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With this instruction you will be able to change the educational assessment model and apply the strategies to orient it towards learning”

Get into the technological tools to develop educational research with this 100% online program.

This program will take you deeper into classroom research and professional development whenever and however you wish.

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 education programmed to learn 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 students will be assisted by an innovative interactive video system created by renowned and experienced experts.



02

Objectives

The objective of this Postgraduate Certificate is to provide the professionals with the necessary content to boost their careers focused on research, educational innovation, and management of the field. To achieve this goal satisfactorily, students are provided with numerous pedagogical tools and the support of a first-class teaching team in the field of education.





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The multimedia resources and the great teaching team of this program will boost your research and guidance work in the education sector”



General Objectives

- ♦ Introduce students to the world of teaching, from a broad perspective that provides them with the necessary skills for the performance of their work
- ♦ Know the new tools and technologies applied to teaching
- ♦ Show the different options and ways the teacher can work in their post
- ♦ Promote the acquisition of communication and knowledge transmission skills and abilities
- ♦ Encourage continuing education for students





Specific Objectives

- ♦ Present the strategies and the script for conducting the psycho-pedagogical evaluation
- ♦ Show a historical approach to diversity and education
- ♦ Comment on the principles of prevention



In only 150 teaching hours you will be able to design, plan, and develop intervention projects for educational innovation and improvement"

03

Course Management

The teaching team that makes up this Postgraduate Certificate has been selected by TECH based on their professional background and human qualities. In this way, students are guaranteed access to an advanced program, developed by the best specialists in the area of Educational Research and Innovation and Change Management. In addition, the proximity of the teaching staff will allow you to resolve any doubts you may have about the content of this program.



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TECH has assembled an excellent faculty with extensive experience in the teaching sector. They will guide you to achieve your career progression goals"

Management



Dr. Barboyón Combey, Laura

- ♦ Teacher of Primary Education and Postgraduate Studies
- ♦ Teacher in Postgraduate University Studies of High School Teacher Formation
- ♦ Teacher of Primary Education in several schools
- ♦ Doctor in Education from the University of Valencia
- ♦ Master's Degree in Psychopedagogy from the University of Valencia
- ♦ Degree in Primary School Education with a major in English Teaching from the Catholic University of Valencia San Vicente Mártir



04

Structure and Content

The syllabus of this university degree has been designed to provide the professional with the information required to be an agent of change in innovation and a researcher in the field of education. For 6 weeks, you will learn about the current challenges for educational intervention, digital literacy, or the creation of projects. An advanced syllabus that also includes multimedia didactic material that can be accessed 24 hours a day, from any electronic device with an Internet connection.





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A syllabus that will allow you to test current possibilities and challenges for innovative educational intervention”

Module 1. The Educational Research and Innovation and Change Management

- 1.1. School Improvement as a Goal of Educational Guidance
 - 1.1.1. Educational Guidance in the New Scenarios of the Current Context
 - 1.1.2. Key Concepts: Educational Innovation, Change, Reform and Educational Improvement
 - 1.1.3. Epistemological Referents for Innovation and Research: Educational Paradigms
 - 1.1.4. The change in the Educational Paradigm as a Challenge to Rethink the Contribution of Educational Counseling
- 1.2. Areas of Innovation and Challenges for Educational Intervention
 - 1.2.1. Areas of Innovation in the Educational Context
 - 1.2.2. The Obstacles and Challenges of Innovation in the Educational Context
 - 1.2.3. The binomial for Educational Improvement: Research and Innovation
 - 1.2.4. Current Possibilities and Challenges for an Innovative Educational Intervention
- 1.3. Change Management for Educational Improvement
 - 1.3.1. Educational Innovation: Change Management for Improvement
 - 1.3.2. Process Models to Generate Educational Innovation
 - 1.3.3. Educational Centers as a Learning Organization
 - 1.3.4. The Specific Contribution of the Educational Organization in the Definition of Educational Innovation and Intervention Strategies
- 1.4. Design, Planning, Development and Evaluation of Intervention Projects for Educational Innovation and Improvement
 - 1.4.1. Counseling: an Instrument of Guidance for Educational Improvement
 - 1.4.2. Components for the Design of an Intervention Project for Educational Improvement
 - 1.4.3. Planning of an Intervention Project for Educational Improvement (Phases)
 - 1.4.4. Development of an Intervention Project for Educational Improvement (Agents, Roles and Resources)
 - 1.4.5. Strategies and Resources for the Assessment of Educational Innovation and Improvement Projects
 - 1.4.6. The Search for Best Practices
 - 1.4.7. Monitoring and Evaluation of "Best Practices" for Educational Improvement
 - 1.4.8. Case Study: Analysis of a Model for Evaluating Educational Innovations
- 1.5. Digital Literacy and Socio-Community Educational Innovation
 - 1.5.1. Paradigm Shift: From Solid Knowledge to Liquid Information
 - 1.5.2. Web 2.0 Metaphors and their Implications for Educational Guidance
 - 1.5.3. Good Practices in the Innovative Use of Technological Resources
 - 1.5.4. The Possibilities and Challenges of Educational Guidance in the Digital Society
 - 1.5.5. The Socio-Educational Context as a Field of Innovation for Educational Guidance
 - 1.5.6. Networking and the Construction of a Common Outlook
 - 1.5.7. From the Educational Center to the Educating Community: Educating Cities
 - 1.5.8. From the Classroom to the Community: the Richness of Service-Learning
- 1.6. Pedagogical Innovation and Guidance in the Classroom: Improving Learning and Assessment as a Shared Challenge
 - 1.6.1. Shared Teaching as a Strategy for Learning Improvement
 - 1.6.2. Resources to Promote Shared Teaching Development
 - 1.6.3. Types of Shared Teaching
 - 1.6.4. Advising, Accompanying and Evaluating Shared Teaching Processes
 - 1.6.5. Evaluation as a Learning Opportunity
 - 1.6.6. Characteristics of Innovative Evaluation
 - 1.6.7. The Dimensions of Evaluation: the Ethical and the Technical-Methodological Question
- 1.7. Pedagogical Innovation and Guidance in the Classroom: Strategies to Orient Assessment towards Learning
 - 1.7.1. Collaboration with Faculty to Develop Learning-Oriented Assessment
 - 1.7.2. Quality Criteria for Developing a Learning-Oriented Evaluation Process
 - 1.7.3. How to Guide Evaluation Results to Support Learning
- 1.8. From Educational Research in the Digital Society to Classroom Research: Improving the Teaching-Learning Process
 - 1.8.1. The Own Nature of Educational Research
 - 1.8.2. The Research Process and the Educational Counseling as Researcher's Viewpoint
 - 1.8.3. Educational Research in the Current Context
 - 1.8.4. Technological Tools for the Development of Educational Research
 - 1.8.5. Educational Research Functions
 - 1.8.6. From Educational Research to Research in the Classroom
 - 1.8.7. Classroom Research and Professional Development
 - 1.8.8. Ethical Considerations for the Development of Educational Research



- 1.9. Internal Evaluation of Educational Guidance Teams The Current Challenges of Educational Guidance and the Deontological Framework for the Practice of the Profession
 - 1.9.1. Educational Improvement Makes It Essential to Evaluate Teachers and Educational Guidance Teams
 - 1.9.2. The Self-Evaluation of Teaching Practice as a Process of Reflection and Formative Accompaniment
 - 1.9.3. Internal Evaluation of Educational Guidance Teams and Guidance Departments
 - 1.9.4. Educational Guidance Challenges for the 21st Century
 - 1.9.5. Deontological Framework for Teaching Practice
- 1.10. Learning and Professional Development of Educational Change Agents
 - 1.10.1. From the Transmitter School to the Creative, Collaborative and Critical School: Being an Agent for the Change of Model
 - 1.10.2. Opportunities for the Professional Development of all Educational Agents
 - 1.10.3. From Collective Learning to the Professional Development of Teachers: the Contribution of the Educational Counselor
 - 1.10.4. Spaces for Meeting and Professional Learning: Congresses, Innovation Conferences, Professional Networks, Communities of Practice, MOOC



This program will help you to be the agent for change in your school's model"

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

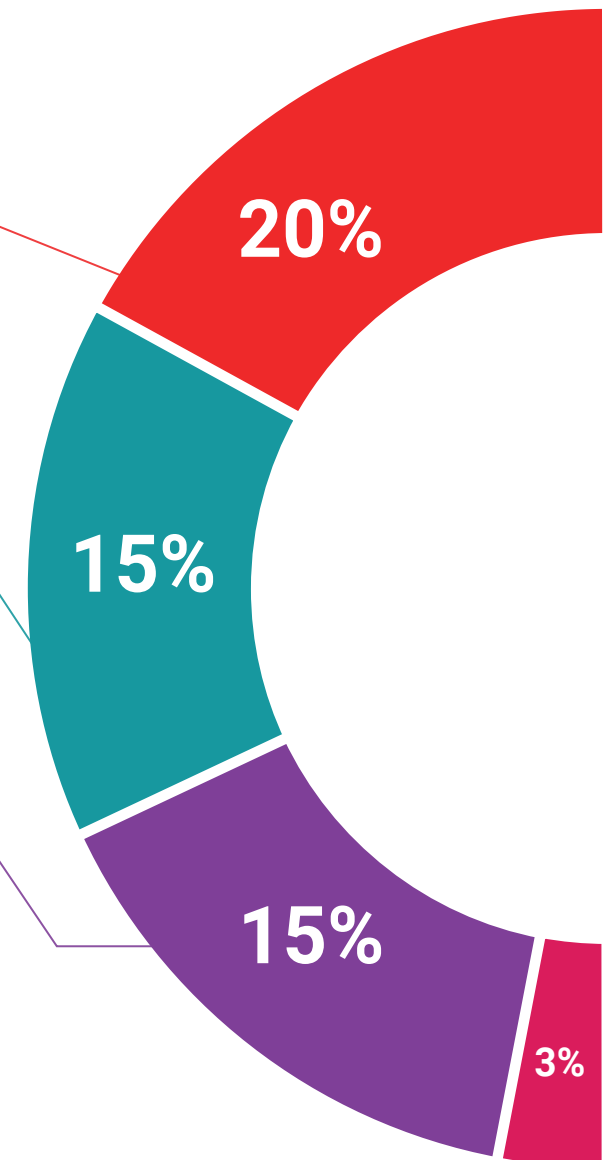
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Postgraduate Certificate in Educational Research and Innovation and Changes Management 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 Research and Innovation and Change Management** 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 Research and Innovation and Change Management**
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.

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guarantee accreditation teaching

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community commitment

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personalized service innovation

knowledge present

online training

development languages

virtual classroom

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