

# Postgraduate Certificate Techniques and Instruments of Educational Assessment



## Postgraduate Certificate Techniques and Instruments of Educational Assessment

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

Website: [www.techitute.com/us/education/postgraduate-certificate/techniques-instruments-educational-assessment](http://www.techitute.com/us/education/postgraduate-certificate/techniques-instruments-educational-assessment)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Structure and Content

---

*p. 12*

04

Methodology

---

*p. 16*

05

Certificate

---

*p. 24*

# 01

# Introduction

This program leads students to a higher performance in their profession and in teaching in general, specializing them in Techniques and Instruments of Educational Assessment. In this sense, students will learn to gather, analyze and interpret relevant information and data on educational and social issues. Likewise, with this high-level education, they will be able to diagnose the needs and possibilities of development of people in order to base educational actions in an optimal way. It is, therefore, an intensive specialization that stands out for the quality of its content and its excellent teaching staff.



“

*You will learn to gather, analyze and interpret relevant information and data on educational and social issues from the best and with the most effective study system on the market"*

This complete program is designed to respond to the growing need for specialization in Techniques and Instruments of Educational Assessment in schools. Throughout this program, students will learn the elements, processes and values of education and their impact on comprehensive training; they will learn to diagnose complex situations with special attention to diversity and social inclusion, and will be able to develop and apply methodologies adapted to personal and social differences.

In this way, professionals will delve into those educational techniques that enhance their students' lifelong learning. In this way, professionals will achieve their educational and professional goals, propelling their pedagogical skills to the highest level.

This high-level program offers a comprehensive vision of Techniques and Instruments for Educational Assessment in all its dimensions, providing teaching tools and experiences in the field, which have also been guaranteed by professors who are currently practicing as such. Therefore, students will learn based on professional experience, which makes their learning more effective and accurate.

A completely online program that will allow students to study from wherever and whenever they want, since they only need to have a computer or mobile device with an Internet connection. With this, TECH guarantees a totally self-managed study, in which students will be the ones who set their study time, being able to balance it with the rest of their daily obligations.

This **Postgraduate Certificate in Techniques and Instruments of Educational Assessment** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ Practical case studies presented by experts
- ♦ 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 work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*Awakening professional and intellectual concerns to learn how to be good professionals will motivate your students to achieve their goals"*



“*You will understand the importance of teacher professional development and its direct reflection in the quality of education thanks to the complete syllabus that TECH has prepared for you”*

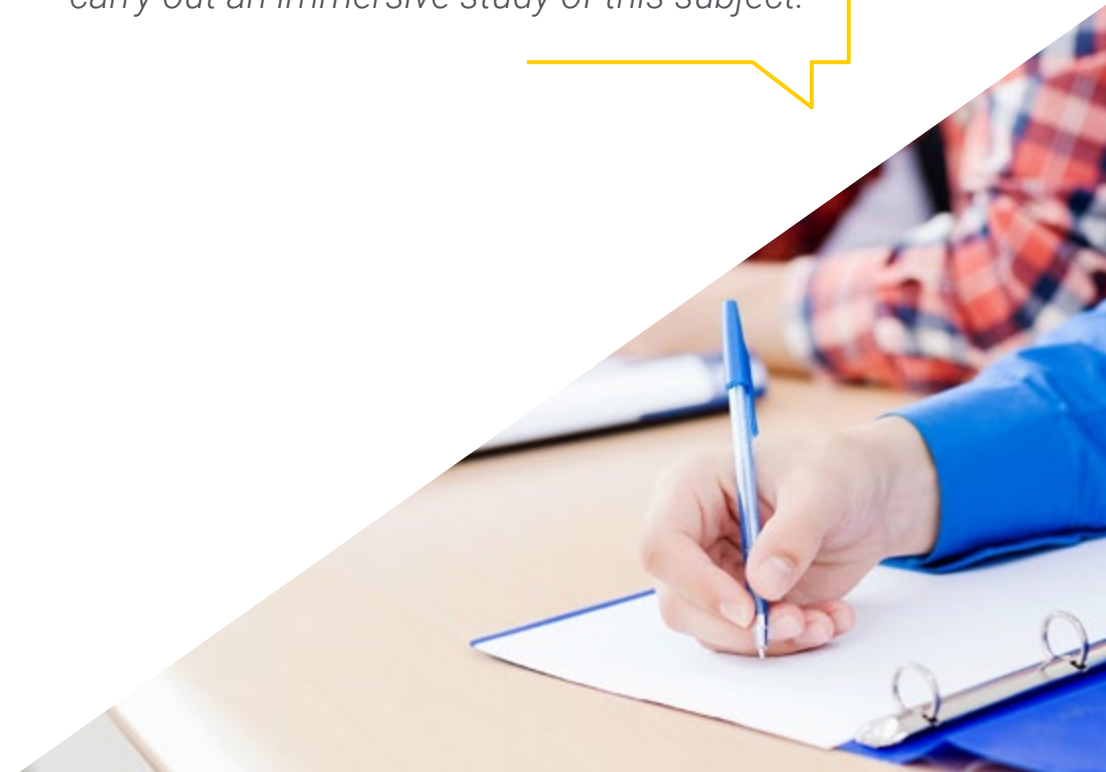
The program includes in its teaching staff professionals from the sector who bring to this program their work experience, as well as recognized specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow professionals to learn in a professional a situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which professionals must try to solve the different professional practice situations that are presented to them throughout the academic year. For this purpose students will be assisted by an innovative interactive video system developed by renowned experts.

*With this intensive specialization you will identify people's needs and possibilities for development in order to create a base for educational actions.*

*We offer you the best teaching methodology in the market and a complete theoretical and practical material that will help you to carry out an immersive study of this subject.*



# 02

# Objectives

The purpose of this program is to enable students to acquire the skills they need to orient their careers towards quality education, developing themselves in a teaching field with a future. This Postgraduate Certificate will accompany students through an intensive and complete learning process that will allow them to learn in a very efficient way. In this process, professionals will have access to the most complete knowledge in the spectrum of Techniques and Instruments of Educational Assessment, the ways of approaching and developing them, as a tool for the development of any institution in this sector.





“

*A high educational level program created by the best experts in the field, which will allow you to achieve professional success”*



## General Objectives

---

- ♦ Learn to teach and guide teaching to each student according to their individual conditions
- ♦ Know how to structure information in an adequate way that allows students to assimilate knowledge correctly
- ♦ Understand the importance of professional teaching development and its direct reflection on the quality of education
- ♦ Know the different pedagogical foundations of Education



*This exceptional quality syllabus is an invaluable tool for your professional development”*





## Specific Objectives

---

- ♦ Be able to gather, analyze and interpret relevant information and data on educational and social topics
- ♦ Understand the purpose, functions and applications of the diagnosis
- ♦ Identify people's needs and possibilities for development in order to create a base for educational actions
- ♦ Know and understand the elements, processes and values of education and their impact on comprehensive education
- ♦ Identify complex situations with special attention given to diversity and social inclusion
- ♦ Develop and apply methodologies adapted to personal and social differences



# 03

## Structure and Content

All the contents of this Postgraduate Certificate have been developed with a high-quality criteria in each of the stages of the program. For this purpose, the most relevant and comprehensive topics have been selected, with the latest and most interesting updates TECH has designed a syllabus with personalized and organized content that enables the achievement of the proposed objectives for professionals to achieve their educational and employment goals. In this way, students will boost their pedagogical skills in a sector that demands specialized professionals, with satisfaction.



“

*We offer you the best teaching methodology in the market and a complete theoretical and practical material that will help you to carry out an immersive study in this subject”*



## Module 1. Techniques and Instruments of Educational Assessment

- 1.1. Assessment Techniques and Instruments
  - 1.1.1. Introduction and Basic Concepts of Educational Diagnostic
  - 1.1.2. The Process and the Variables in Educational Diagnosis
  - 1.1.3. Evaluation Techniques and Procedures
  - 1.1.4. Scope of Application
- 1.2. The Code of Ethics: a Professional Guide for the Pedagogue
  - 1.2.1. Evolution Over Time
  - 1.2.2. On the Professionalization of Teachers
  - 1.2.3. Code of Ethics of the Teaching Profession
  - 1.2.4. Possibilities of the Teachers' Code of Ethics
- 1.3. The Report as a Tool in Evaluation and Diagnosis
  - 1.3.1. Concept of the Report as a Diagnostic Tool
  - 1.3.2. Parts of the Education Report
  - 1.3.3. Report Characteristics
- 1.4. Observation Techniques
  - 1.4.1. Observation as a Method
  - 1.4.2. Functions of the Observation
  - 1.4.3. Object of the Observation
  - 1.4.4. Designs in Observational Research
  - 1.4.5. Types of Observation
- 1.5. Interview Techniques
  - 1.5.1. The Interview in Educational Diagnosis
  - 1.5.2. Characteristics of the Interview in the Educational Environment
  - 1.5.3. Data Previous to the Interview
  - 1.5.4. Types of Interviews





- 1.6. Theoretical Foundations of Psychometric Techniques
  - 1.6.1. Basic Principles of Psychological Measuring Techniques
  - 1.6.2. Techniques for the Construction of Attitude Scales
  - 1.6.3. Theory of Tests
  - 1.6.4. Interpretation of Scores
  - 1.6.5. Item Analysis
  - 1.6.6. Technical and Ethical Recommendations
- 1.7. Standardized Tests: Evaluation and Diagnosis in Attention and Memory
  - 1.7.1. Introduction
  - 1.7.2. Types of Tests for Evaluating Attention
  - 1.7.3. Types of Tests for Evaluating Memory
- 1.8. Standardized Tests: Evaluation and Diagnosis in Literacy and Mathematics
  - 1.8.1. Dyslexia
  - 1.8.2. Literacy and Dyslexia Evaluation Tools
  - 1.8.3. Standardized Tests in Mathematics
- 1.9. Standardized Tests: Evaluation and Diagnosis of Intelligence
  - 1.9.1. Test on the Concept of Intelligence and Education
  - 1.9.2. Types of Standardized Tests in Diagnosis of Intelligence
  - 1.9.3. Theory of Multiple Intelligences
- 1.10. Standardized Tests: Evaluation and Diagnosis in Attention ASD
  - 1.10.1. Definition and Types of ASD
  - 1.10.2. Evaluation of the Level of Development
  - 1.10.3. Rapid Assessment of Autism
  - 1.10.4. Extensive Assessment of Autism

04

# 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.*

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.





05

# Certificate

This Postgraduate Certificate in Techniques and Instruments of Educational Assessment 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 Techniques and Instruments of Educational Assessment** 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 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 Techniques and Instruments of Educational Assessment**

Official N° of Hours: **150 h.**



\*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.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



## Postgraduate Certificate Techniques and Instruments of Educational Assessment

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



# Postgraduate Certificate Techniques and Instruments of Educational Assessment

