

Postgraduate Certificate Neuroeducation in High School Education





Postgraduate Certificate

Neuroeducation in High School Education

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

Website: www.techtitude.com/us/education/postgraduate-certificate/neuroeducation-high-school-education

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01

Introduction

This Postgraduate Certificate on teacher training for high school education addresses a significant need among highly qualified professionals who wish to perform their role in high schools. To do so, they must develop a range of communication skills, as well as learn about the use of teaching resources to support their lessons.





This Postgraduate Certificate in Neuroeducation in High School Education will instill a sense of confidence in the performance of your profession, helping you grow both personally and professionally"

This Postgraduate Certificate offers a broad and comprehensive view of the education field in secondary schools from a practical perspective, starting with legislation and role distribution within the institution, moving through the development of teaching skills, and analyzing the profile of high school students, as well as providing insights into adult education and integration, with particular emphasis on how to adapt teaching for these students.

It represents an advance over traditionally pedagogical programs focused solely on teaching duties, which do not address the educational context and student characteristics in depth as central elements, without forgetting the role of teaching innovation.

This perspective allows for a better understanding of how secondary schools function across various areas, enabling professionals to explore different approaches based on their interests and apply them to their work settings.

This Postgraduate Certificate addresses one of the most in-demand areas of study for professionals from various disciplines who wish to enter the teaching world, specifically in secondary education. It is presented from a practical perspective, emphasizing the most innovative aspects in the field.

For this reason, this Postgraduate Certificate is essential for those who wish to develop in high school education, even without prior knowledge, preparing them for a successful career in high schools.

Students of this Postgraduate Certificate will gain both theoretical and applied knowledge of teaching in secondary education, making it useful for their present or future roles. This offers a qualitative advantage over other professionals in the field.

It also facilitates entry into the job market or career advancement, with extensive theoretical and practical knowledge that will enhance their daily work skills.

This **Postgraduate Certificate in Neuroeducation in High School Education** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ Development of over 75 practical cases presented by experts in neuroeducation 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
- ♦ The latest developments on neuroeducation in high school education
- ♦ It contains practical exercises where the self-assessment process can be carried out to improve learning
- ♦ With special emphasis on innovative methodologies in neuroeducation in high school education
- ♦ Content that is accessible from any fixed or portable device with an internet connection



Update your knowledge through the program of the Postgraduate Certificate in Neuroeducation in High School Education"



This Postgraduate Certificate can be the best investment you make when selecting a professional development program for two reasons: in addition to updating your knowledge in Neuroeducation for High School Education, you will receive a diploma for the Postgraduate Certificate from TECH Global University"

The program includes a faculty of professionals from the field of neuroeducation in high school education, who contribute their professional experience to this specialization, along with 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, educators will have access to an innovative interactive video system created by renowned experts in the field of Neuroeducation in High School Education, with extensive teaching experience.

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 neuroeducation in secondary education and enhance the specialization of your students.



02 Objectives

The Postgraduate Certificate in Neuroeducation in High School Education is designed to support professionals working with high school students.



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This Postgraduate Certificate is aimed at helping you update your knowledge in Neuroeducation in High School Education, using the latest educational technology to contribute effectively and safely to decision-making and student monitoring”



General Objectives

- ♦ Update knowledge on the use of the internet in its various fields of application, including clinical, educational, and social areas, to enhance the quality of professional practice
- ♦ Introduce students to the broad world of technology from a practical perspective, enabling them to understand the different disciplines covered by the internet and its possibilities
- ♦ Promote the acquisition of communication skills and knowledge transmission abilities
- ♦ Familiarize students with new tools and technologies applied to teaching
- ♦ Encourage ongoing specialization and foster interest in teaching innovation



Make the most of the opportunity and take the step to stay up to date with the latest developments in neuroeducation in secondary education"





Specific Objectives

- ♦ Understand the role of the family in learning
- ♦ Discern the relationship between school and learning
- ♦ Design strategies for neuronal-level competence
- ♦ Evaluate neuronal-level cooperation strategies
- ♦ Comprehend the different capacities involved in learning
- ♦ Discover self-awareness in learning
- ♦ Update knowledge on the relationship between intelligence and learning
- ♦ Understand the peculiarities of learning in giftedness
- ♦ Discern the relationship between age and the brain
- ♦ Demystify the relationship between memory and the brain
- ♦ Discover the benefits of neurodidactics
- ♦ Learn how to apply neurodidactics

03

Course Management

The program includes a faculty of leading experts in neuroeducation in secondary education, who contribute their professional experience to this specialization. Additionally, other highly regarded experts, known for their prestige, participate in the design and development of the program, offering an interdisciplinary approach.



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Learn from leading professionals about the latest advancements in procedures within the field of Neuroeducation in High School Education”

Management



Dr. De la Serna, Juan Moisés

- Master's Degree in Neurosciences and Behavioral Biology
- Director of the Open Chair of Psychology and Neurosciences and science communicator
- University Expert in Didactic Methodology
- University Specialist in Clinical Hypnosis
- Expert in Project Management
- Occupational Trainer



Ms. Jiménez Romero, Yolanda

- Educational psychologist
- Primary School Teacher with a specialization in English
- Educational psychologist
- Master's Degree in Neuropsychology of Giftedness
- Master's Degree in Emotional Intelligence
- Neurolinguistic Programming Practitioner

Teachers

Dr. Borrás Sanchís, Salvador

- ♦ Psychologist, Teacher and Speech Therapist
- ♦ Educational Counselor in the Valencian Government, Department of Education
- ♦ Pedagogical Director at the DEIAP Institute



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 country, who are aware of the relevance of up-to-date specialization and are committed to quality teaching through new educational technologies.



“

This Postgraduate Certificate in Neuroeducation in High School Education contains the most complete and up-to-date scientific program on the market”

Module 1. Neuroeducation

- 1.1. Neuronal Bases of Learning
 - 1.1.1. Learning and the Formation of New Connections
 - 1.1.2. Learning and Brain Areas
- 1.2. Brain Learning Models
 - 1.2.1. Learning by Repetition
 - 1.2.2. Learning by Insight
- 1.3. Cognitive Processing and Learning
 - 1.3.1. Personality, Brain, and Learning
 - 1.3.2. Cognitive Development, Brain, and Learning
- 1.4. Emotions and Learning
 - 1.4.1. Positive Emotions in Learning
 - 1.4.2. Negative Emotions in Learning
- 1.5. Social Environment
 - 1.5.1. Family and Learning
 - 1.5.2. School and Learning
- 1.6. Competence vs. Cooperation
 - 1.6.1. Neuronal-Level Competence Strategy
 - 1.6.2. Neuronal-Level Cooperation Strategy
- 1.7. Self-Control and Proprioception
 - 1.7.1. Learning Capacities
 - 1.7.2. Self-Awareness in Learning
- 1.8. Different Minds, Different Learning
 - 1.8.1. Intelligence and Learning
 - 1.8.2. Giftedness and Learning
- 1.9. Neuromyths in Education
 - 1.9.1. Myth of Age and the Brain
 - 1.9.2. Myth of Memory and the Brain
- 1.10. Neurodidactics Applied to the Classroom
 - 1.10.1. Advantages of Neurodidactics
 - 1.10.2. Ways to Apply Neurodidactics





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*A unique, essential, and decisive
specialization experience to boost
your professional development”*

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.



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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.

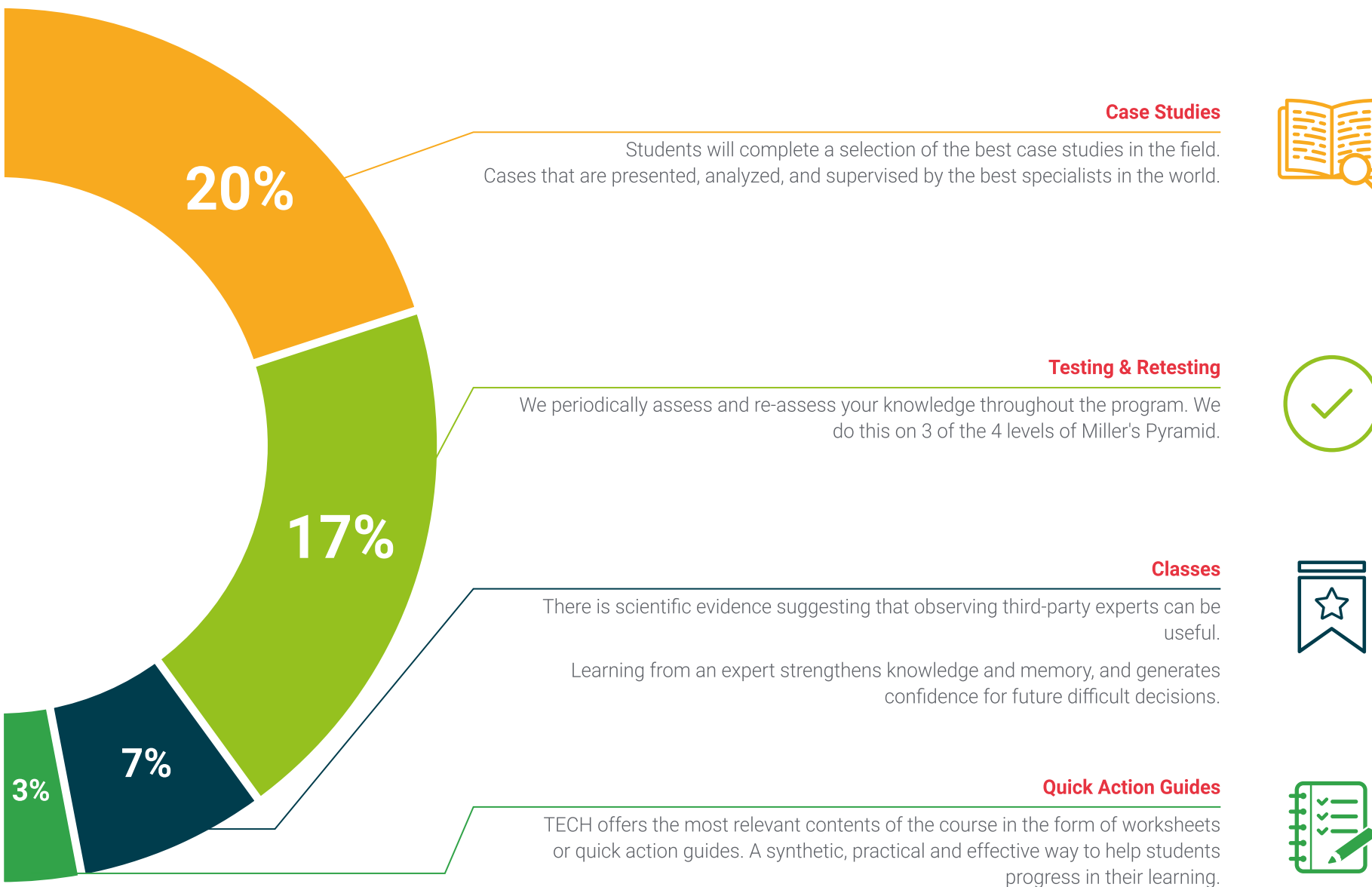
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





07

Certificate

The Postgraduate Certificate in Neuroeducation in High School Education 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.



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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 Neuroeducation in High School Education** 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 Neuroeducation in High School Education**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





Postgraduate Certificate

Neuroeducation in High School Education

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

Postgraduate Certificate

Neuroeducation in High School Education

