

# Postgraduate Certificate

## Attention Deficit Hyperactivity Disorder (ADHD)



## Postgraduate Certificate

### Attention Deficit Hyperactivity Disorder (ADHD)

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

Website: [www.techtitude.com/us/psychology/postgraduate-certificate/attention-deficit-hyperactivity-disorder-adhd](http://www.techtitude.com/us/psychology/postgraduate-certificate/attention-deficit-hyperactivity-disorder-adhd)

# Index

01

Introduction to the Program

---

p. 4

02

Why Study at TECH?

---

p. 8

03

Syllabus

---

p. 12

04

Teaching Objectives

---

p. 16

05

Study Methodology

---

p. 20

06

Teaching Staff

---

p. 30

07

Certificate

---

p. 34

01

# Introduction to the Program

Children with Attention Deficit Hyperactivity Disorder (ADHD) often experience learning difficulties that, if not detected in time, can lead to significant academic and social problems. Recent studies indicate that between 30% and 50% of children with ADHD also experience learning disorders, which highlights the need for early and specialized intervention. Aware of this reality, TECH Global University has designed this university program that will train psychologists in the identification, assessment, and comprehensive support of these children. All of this will be provided through a completely online and flexible curriculum, supported by specialists who will enhance professional development.





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*Prepare your patients to adapt to educational, family, and community environments related to ADHD. Enroll now and take your professional career to the next level!*



Diversity support is an essential element in both the educational and socio-health fields, as every individual presents unique characteristics regarding abilities, motivations, learning paces, cognitive styles, and socio-cultural contexts. In the case of patients with Attention Deficit Hyperactivity Disorder (ADHD), these differences require a specific, tailored, and personalized approach to optimize their development and learning opportunities.

For this reason, TECH Global University has designed this Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD), providing a comprehensive approach to considering diversity from an inclusive and biopsychosocial perspective. Through an updated syllabus, a thorough overview of ADHD characteristics, diversity management, and interventions adapted to each patient's family, school, and social context will be offered. In this way, psychologists will update their knowledge on early detection, the design of personalized care plans, and the development of inclusive educational strategies.

Furthermore, the academic structure has been created by a team of experts with extensive experience in clinical, educational, and social fields. In fact, these specialists have developed content that responds to the current demands for professional development, integrating cutting-edge pedagogical and clinical criteria. As a result, graduates will acquire practical competencies for evaluation, socio-educational intervention, and the management of inclusive projects in educational and specialized care institutions.

Additionally, this university program will be delivered through a 100% online methodology, flexible and accessible from any device, allowing the training to be balanced with professional and personal responsibilities. Moreover, this format will facilitate a dynamic learning process, based on the Relearning method, which will enhance the assimilation of key concepts through repetition and practical application.

This **Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD)** contains the most complete and up-to-date university program on the market. Its most notable features are:

- ♦ The development of practical cases presented by experts in Education and Psychology
- ♦ 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 university qualification will provide dynamic didactic resources, accessible 24 hours a day, promoting flexible and effective education"*

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*You will benefit from a curriculum designed by specialists with experience in ADHD research and clinical practice”*

The faculty includes professionals from the fields of Education and Psychology, who bring their practical experience to this program, along with renowned specialists from leading associations 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 an immersive learning experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

*You will incorporate innovative intervention strategies aimed at the educational inclusion of students with ADHD.*

*You will acquire highly sought-after professional competencies in educational psychology and diversity support.*



02

# Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.





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*Study at the largest online university in the world and ensure your professional success. The future begins at TECH”*

### The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

### The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

### The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



### The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

### A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

#### The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

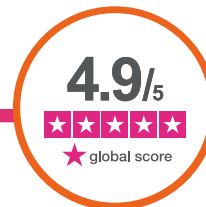
#### Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



#### Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



#### The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



# 03 Syllabus

The syllabus of this Postgraduate Certificate will address Attention Deficit Hyperactivity Disorder (ADHD) as a condition associated with learning difficulties, delving into its genetic, neurobiological, and endocrinological causes, as well as the main theoretical models that explain it. Additionally, the program will include the study of ADHD's manifestations throughout life, diagnosis from neuropsychological, physiological, and educational perspectives, and comprehensive care that combines pharmacological, psychological, and psychopedagogical aspects. Moreover, special emphasis will be placed on its implications in reading, writing, and mathematics.





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*This thorough syllabus will focus on understanding the impact of ADHD on learning processes and socio-emotional development”*



**Module 1.** Attention Deficit Hyperactivity Disorder (ADHD) as a Condition Associated with Learning Difficulties

- 1.1. Introduction
- 1.2. Approach to Attention Deficit Hyperactivity Disorder
  - 1.2.1. Prevalence and Significance
  - 1.2.2. Causes of Attention Deficit Hyperactivity Disorder
    - 1.2.2.1. Genetic Factors
    - 1.2.2.2. Neurobiological Factors
    - 1.2.2.3. Endocrine Factors
- 1.3. Main Theoretical Models that Explain ADHD
  - 1.3.1. Deficits in Inhibitory Response Control
  - 1.3.2. Behavioral Model Focused on the Manifestations of Lack of Attention, Hyperactivity and Impulsion
  - 1.3.3. Model Based on Executive System Dysfunction, Current Consensus
- 1.4. Characterization of Attention Deficit Hyperactivity Disorder
  - 1.4.1. Predominant Manifestations According to DSM-5
  - 1.4.2. Evolution of ADHD Throughout a Lifetime
    - 1.4.2.1. Breastfeeding
    - 1.4.2.2. In Kindergarten Education Children
    - 1.4.2.3. In Elementary Schoolchildren
  - 1.4.3. ADHD as an Executive Function Disorder
    - 1.4.3.1. Definition of Executive Functions
    - 1.4.3.2. Operative or Work Memory
    - 1.4.3.3. Self-Regulation of Motivation, Emotions and Vigilance
  - 1.4.4. Internalization of Language
  - 1.4.5. Reconstruction
- 1.5. Diagnosis and Evaluation of Attention Deficit Hyperactivity Disorder
  - 1.5.1. Physiological Evaluation and Diagnosis: Neuroanatomical, Biochemical and Endocrine Aspects
  - 1.5.2. Neuropsychological Diagnosis and Assessment (Standardized Tests)
  - 1.5.3. Integral Educational Evaluation and Diagnosis: The Observation and Diagnostic Interview With the Student, The Interview With the Parents; The Questionnaire or Measurement Scale for Parents and Teachers





- 1.6. Comprehensive Educational Care for Students with ADHD
  - 1.6.1. Integration of Pharmacological, Psychological and Psychopedagogical Aspects
  - 1.6.2. Consolidation of Integral Educational Care: Work Directly With the Student, In the School Context and The Family Context
- 1.7. Educational Implications for the Comprehensive Care of Students with Learning Difficulties Associated with ADHD
  - 1.7.1. Main Psychosocial Problems of Students with Learning Difficulties and ADHD
  - 1.7.2. Main Reading Learning Difficulties in These Students: Recognition of Words and Text Comprehension
  - 1.7.3. Main Writing Learning Difficulties in These Students: Word Writing and text Composition
  - 1.7.4. Main Learning Difficulties in Mathematics: Low Automation of Tasks Related to Numeracy, Mental Calculation, Mathematical Operations and Problem Solving
- 1.8. Activities for the Integration of Knowledge and Its Practical Application
- 1.9. Recommending Readings
- 1.10. Bibliography

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*This syllabus will include practical tools aimed at designing personalized support plans for students with ADHD”*



04

# Teaching Objectives

This Postgraduate Certificate is designed to provide psychologists with the necessary tools to understand and address Attention Deficit Hyperactivity Disorder (ADHD) in educational settings. To achieve this, the training will integrate the analysis of attention, memory, and self-regulation difficulties, as well as the design of specific and inclusive pedagogical support strategies. Additionally, the program will delve into innovative strategies that promote equity, educational inclusion, language development, reading, writing, and mathematical thinking. In this way, graduates will ensure an adapted and sustainable intervention for each patient.





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*You will benefit from a multidisciplinary approach that integrates the clinical, educational, and socio-family perspectives of ADHD”*



## General Objectives

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- ♦ Understand the theoretical, methodological, and contextual foundations that support Attention to Diversity and intervention in Learning Difficulties
- ♦ Analyze the different types of Learning Difficulties from a critical, integrative, and multidisciplinary perspective
- ♦ Develop skills for diagnosis, assessment, and educational intervention tailored to the specific needs of students
- ♦ Apply innovative pedagogical strategies that promote inclusion and equity in the school environment
- ♦ Integrate knowledge of language development, reading, writing, and mathematical thinking as key components of learning
- ♦ Design inclusive and sustainable educational proposals, grounded in evidence and adapted to contemporary challenges







### Specific Objectives

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- ♦ Understand the impact of ADHD on attention, memory, and self-regulation processes
- ♦ Design specific educational support for students with ADHD in inclusive settings

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*You will have access to high-quality content, real-life case studies and specialized lessons from anywhere in the world. Start your education with the best today!*

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

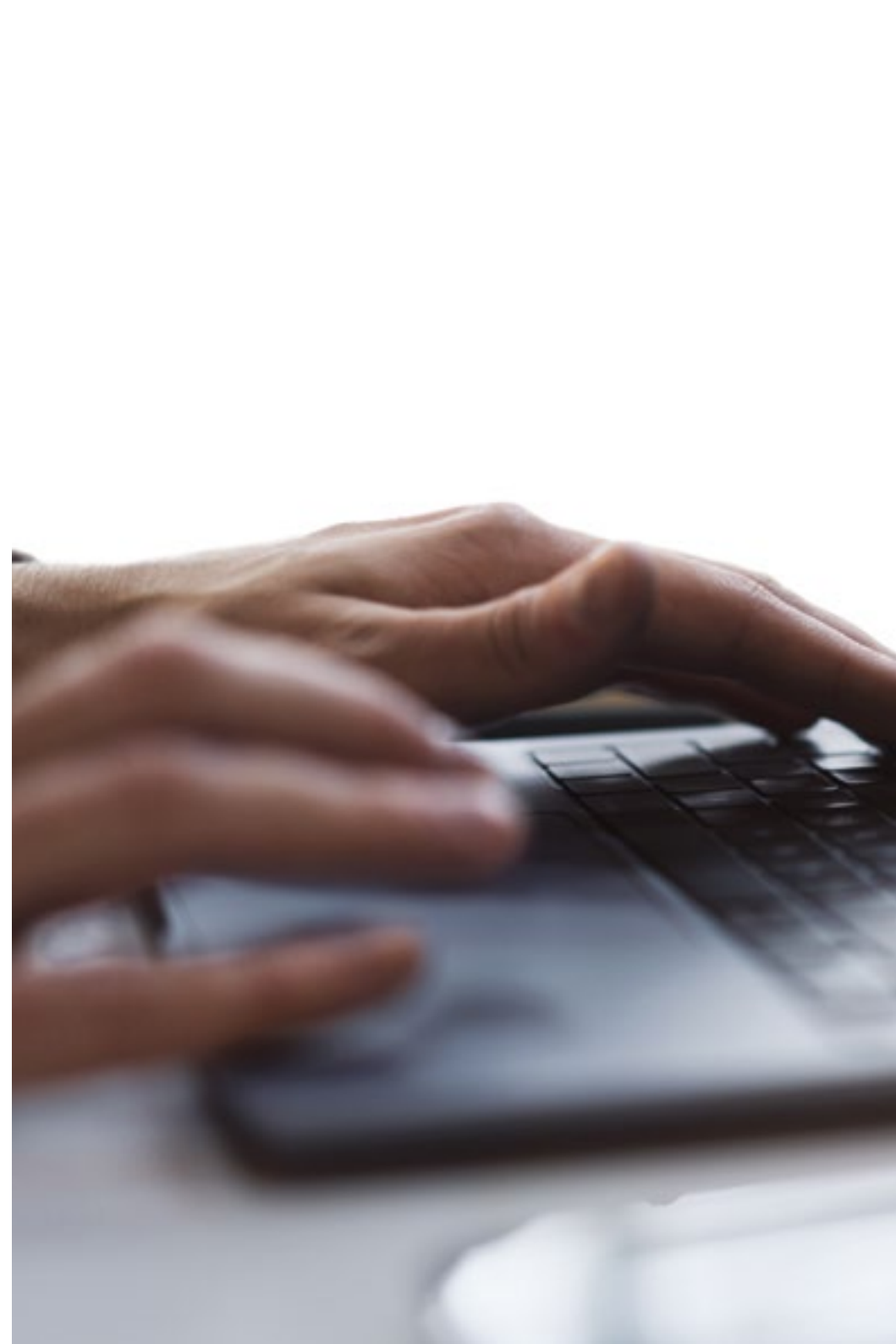
In TECH's study methodology, the student is the main protagonist.

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.

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*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".

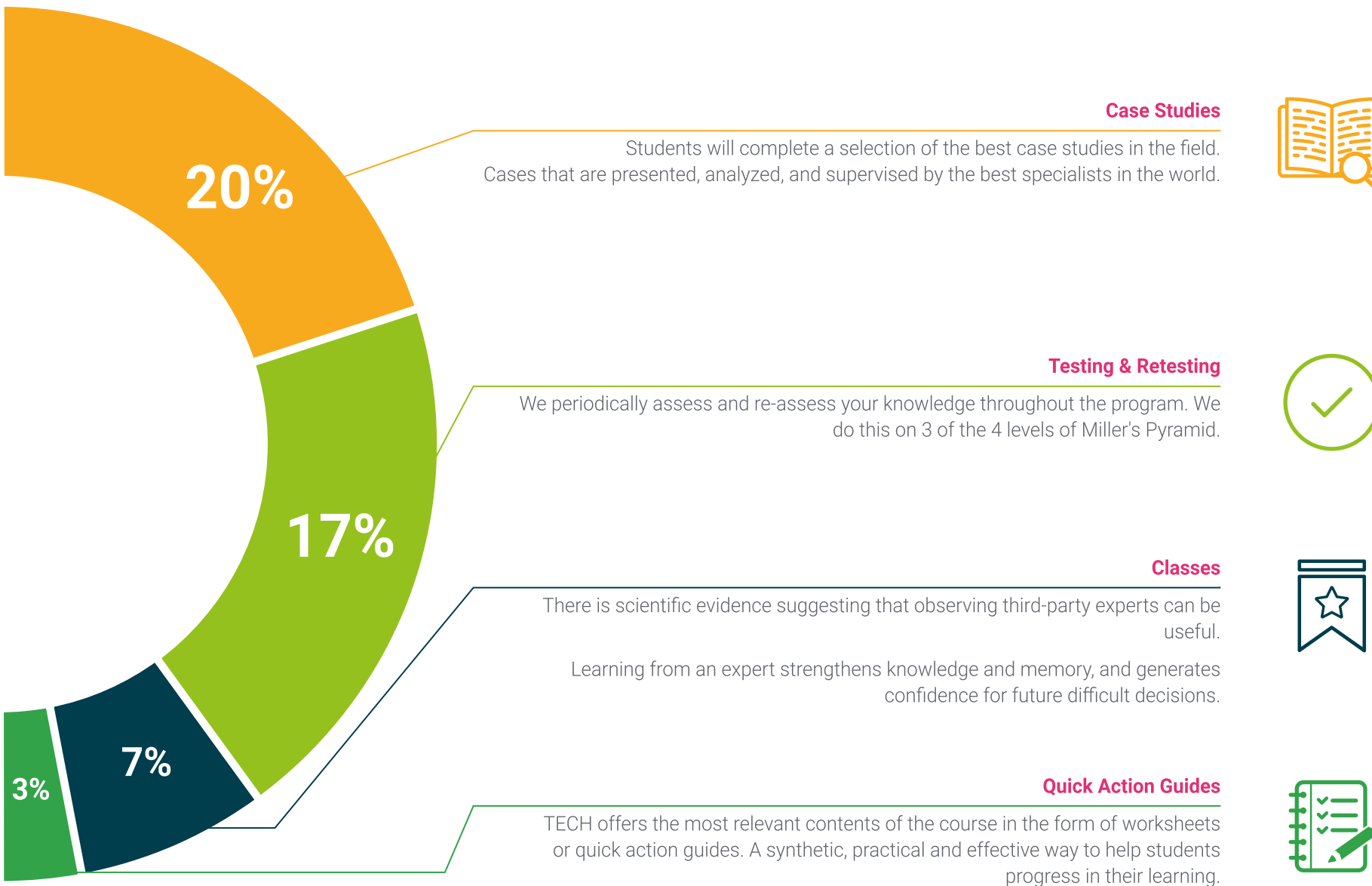


#### Additional Reading

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







# 06

## Teaching Staff

The faculty selected by TECH for this Postgraduate Certificate stands out for their strong academic experience and professional practice in the field of Attention Deficit Hyperactivity Disorder (ADHD). In fact, this multidisciplinary team is composed of psychologists, neuropsychology specialists, and experts in educational intervention, all of whom have worked on research and clinical care projects of reference. Their work focuses on providing a comprehensive and up-to-date approach, combining theoretical knowledge with practical intervention strategies. Thanks to their experience, students will receive education grounded in scientific evidence and the most innovative trends in the field.





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*TECH will not only provide you with the most relevant methodologies in the sector, but will also offer guidance from instructors with extensive experience in educational psychology”*

## Management



### Dr. Moreno Abreu, Milagros Josefina

- ♦ Pedagogue specializing in Learning Difficulties
- ♦ Organizational Consultant, Los Sauces Medical and Surgical Unit.
- ♦ Speech therapist. Private Practice.
- ♦ Master's Degree in Health Education
- ♦ Diploma in Research Methodology
- ♦ Degree in Education with a specialization in Learning Difficulties and Preschool.
- ♦ PhD in Pedagogical Sciences
- ♦ Higher University Technician in Speech Therapy
- ♦ Graduate Professor: Research Methodology I, Design of measurement and evaluation instruments.
- ♦ Graduate Professor. Academic Reading and Writing



Attention  
Deficit  
Hyperactivity  
Disorder?



07

# Certificate

The Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (TDAH) 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 **Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD)** 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 Attention Deficit Hyperactivity Disorder (ADHD)**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**







**Postgraduate Certificate**  
**Attention Deficit Hyperactivity**  
**Disorder (ADHD)**

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

# Postgraduate Certificate

## Attention Deficit Hyperactivity Disorder (ADHD)