

Postgraduate Certificate

Attention Deficit Hyperactivity Disorder (ADHD)





Postgraduate Certificate Attention Deficit Hyperactivity Disorder (ADHD)

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

Website: www.techtute.com/us/education/postgraduate-certificate/attention-deficit-hyperactivity-disorder-adhd

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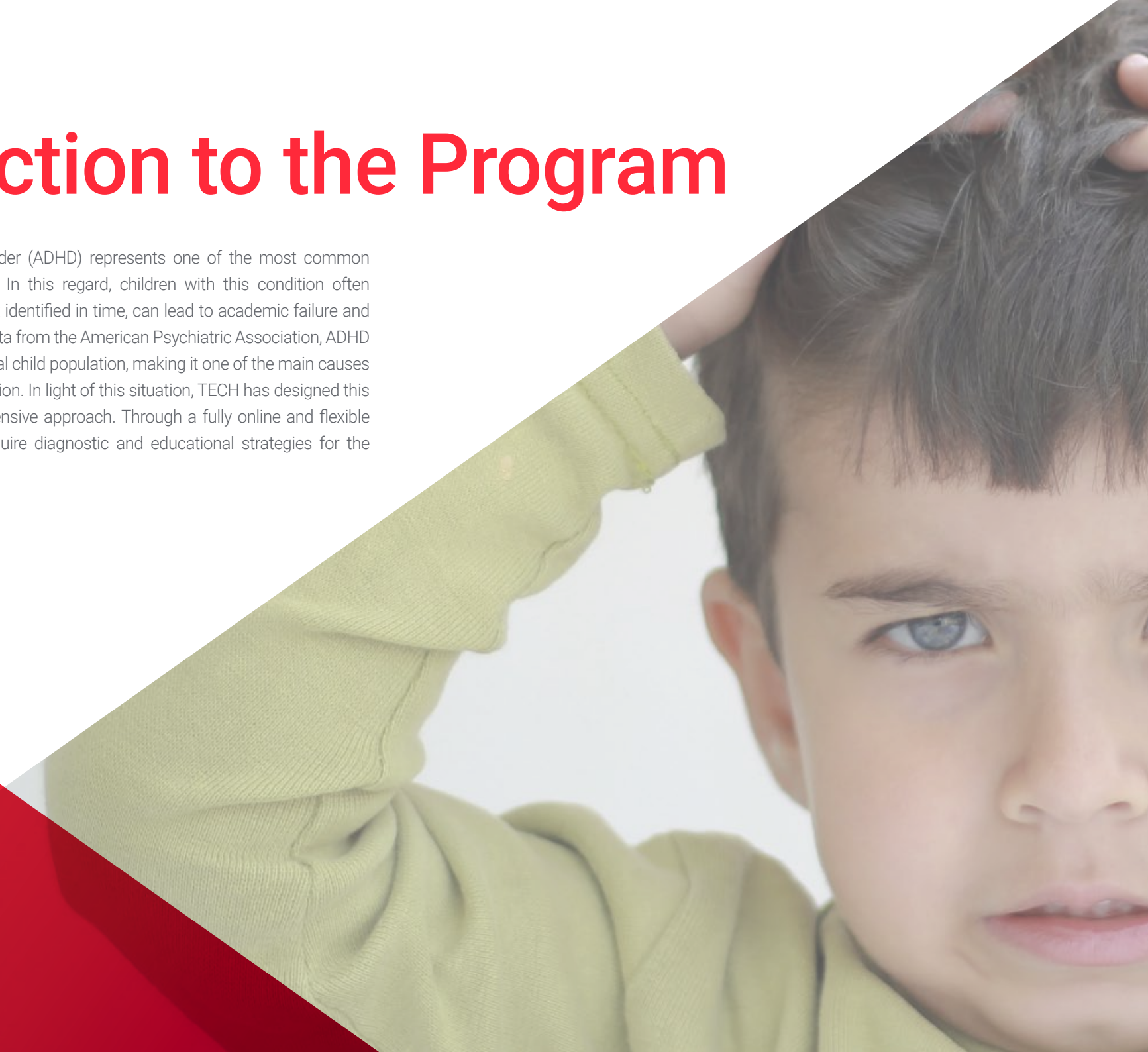
Certificate

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01

Introduction to the Program

Attention Deficit Hyperactivity Disorder (ADHD) represents one of the most common challenges in the educational field. In this regard, children with this condition often exhibit learning difficulties that, if not identified in time, can lead to academic failure and educational dropout. According to data from the American Psychiatric Association, ADHD affects approximately 5% of the global child population, making it one of the main causes of early psychopedagogical intervention. In light of this situation, TECH has designed this university program with a comprehensive approach. Through a fully online and flexible methodology, professionals will acquire diagnostic and educational strategies for the effective support of these students.





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You will explore in-depth the characteristics, diagnosis, and educational intervention of Attention Deficit Hyperactivity Disorder (ADHD). Enroll now and take the next step in your professional career!”

Attention to diversity has become a key focus in modern educational systems, as students show significant differences in abilities, motivations, learning styles, and sociocultural backgrounds. Among these particularities, Attention Deficit Hyperactivity Disorder (ADHD) stands out due to its impact on academic performance and the need for personalized interventions. In this context, there is a growing need for education professionals to have specialized tools to identify these needs and adapt their methodologies, promoting inclusion and the holistic development of the student.

To address these demands, TECH has designed the Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD), offering a perspective based on the emerging educational paradigm, which promotes an inclusive biopsychosocial model. Through a comprehensive approach, both theoretical and practical aspects will be covered, enabling professionals to understand the characteristics of students with this condition, design individualized support plans, and coordinate interventions with the socio-family and educational environment.

Additionally, the syllabus will delve into strategies for managing diversity and addressing learning difficulties, tailoring educational planning to real-world contexts. The course will also analyze tools for implementing actions that promote equality and equity in the classroom, ensuring that all students, without exception, can reach their full potential.

This academic proposal will be delivered through a 100% online methodology, providing flexibility for graduates to balance their educational development with their professional and personal commitments. Moreover, they will have access to a teaching team of experts with clinical, educational, and social experience. In this way, the program ensures the acquisition of advanced competencies to successfully tackle the challenges of diversity management in dynamic and demanding educational environments.

This **Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD)** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in 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



With this Postgraduate Certificate, you will master the specific characteristics of students with ADHD, offering them a more personalized education”

“

You will provide tailored strategies for addressing diversity and learning difficulties associated with ADHD”

The teaching team includes professionals from the field of education who bring their work experience to this program, as well as recognized 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 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.

This Postgraduate Certificate is designed by experts with extensive experience in education and psychoeducational support.

You will gain the ability to provide tools that can be applied in the classroom, in family contexts, and in psychosocial environments.



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.



“

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".

Forbes

The best online university in the world

The most complete **syllabus**

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.

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 Wistuba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

TOP
international faculty



The most effective methodology

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 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.

World's No.1
The World's largest online university

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.



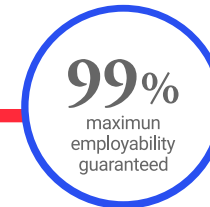
The official online university of the NBA

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.



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.



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03

Syllabus

The content of this Postgraduate Certificate has been developed by specialists in ADHD and learning difficulties, offering a comprehensive view of this condition and its educational impact. The syllabus will cover everything from its prevalence, causes, and theoretical models to its characterization according to the DSM-V and its evolution throughout life. Additionally, the program will delve into the relationship between ADHD and executive functions, neuropsychological and educational diagnosis, as well as comprehensive intervention strategies combining pharmacological, psychological, and pedagogical approaches. Moreover, the course will examine the main difficulties in reading, writing, and mathematics, promoting effective educational solutions.



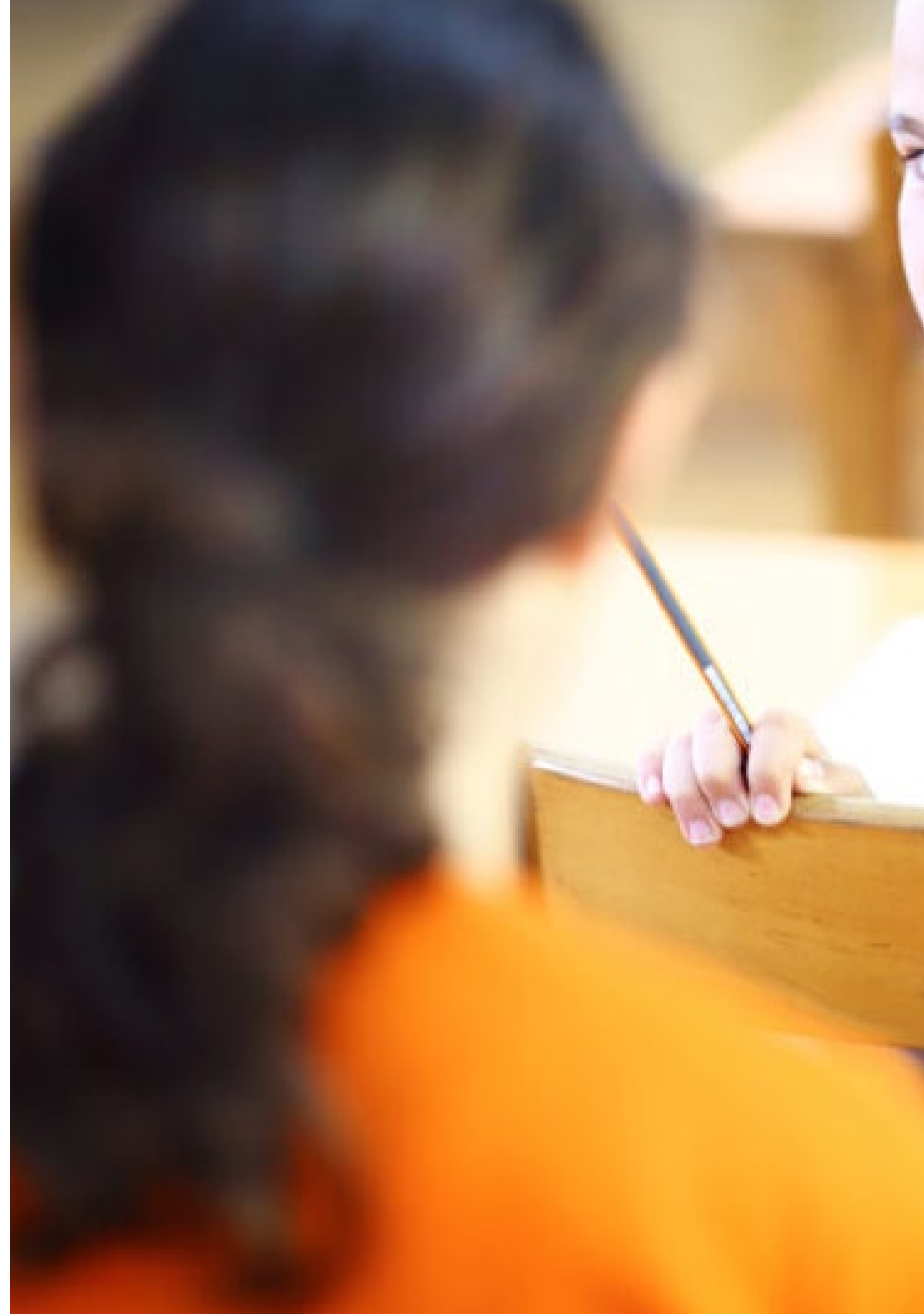


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You will expand your competencies to design individualized support plans and inclusive educational projects”

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

- 1.1. Introduction
- 1.2. Overview of 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 a Disorder of the Executive Functions
 - 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. Diagnosis and Physiological Evaluation: Neuroanatomical, Biochemical, and Endocrinological Aspects
 - 1.5.2. Neuropsychological Diagnosis and Evaluation (Standardized Tests)
 - 1.5.3. Comprehensive Educational Diagnosis and Evaluation: Observation and Diagnostic Interview with the Student, Interviews with Parents and Teachers; Questionnaires or Measurement Scales 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. Implementation of Comprehensive Educational Care: Direct Work with the Student, in the School and Family Contexts
- 1.7. Educational Implications for the Comprehensive Care of Students with Learning Difficulties Associated with ADHD
 - 1.7.1. Main Psycho-Social Problems of Students with Learning Difficulties and ADHD
 - 1.7.2. Main Learning Difficulties in Reading for These Students: Word Recognition and Text Comprehension
 - 1.7.3. Main Learning Difficulties in Writing for These Students: Word Writing and Text Composition
 - 1.7.4. Main Learning Difficulties in Mathematics: Low Automation in Tasks Related to Numbering, Mental Arithmetic, 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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You will know how to identify ADHD early and understand its implications on academic performance”

04

Teaching Objectives

This Postgraduate Certificate is designed to equip education and psychopedagogy professionals with the necessary tools to understand and address Attention Deficit Hyperactivity Disorder (ADHD) and its relationship with learning difficulties. To achieve this, the program will dive into the theoretical and methodological foundations of diversity management, early diagnosis, and the design of effective psychopedagogical interventions. As a result, graduates will develop the competencies to design self-regulation and attention strategies, optimize learning in reading, writing, or mathematics, and contribute to students' academic and social development.





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You will integrate pedagogical, psychological, and social knowledge for more effective support”



General Objectives

- ♦ Analyze the theoretical and methodological foundations of diversity management and its impact on learning
- ♦ Understand learning difficulties from a historical, theoretical, and classificatory perspective
- ♦ Develop evaluation and diagnostic strategies for the early detection of learning difficulties
- ♦ Design psychopedagogical interventions based on updated approaches to manage difficulties in reading, writing, and mathematics
- ♦ Explore the influence of language on cognitive development and its role in overcoming learning difficulties
- ♦ Deepen the study of reading difficulties and their impact on the formation of citizens in the knowledge society
- ♦ Identify effective strategies for teaching mathematics to students with specific difficulties in this area
- ♦ Address ADHD as a condition associated with learning difficulties





Specific Objectives

- ♦ Examine the relationship between ADHD and learning difficulties in the school setting
- ♦ Design intervention strategies that support attention and self-regulation in students with ADHD

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Enhance your profile with specialized skills in managing educational diversity and inclusion”

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.

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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.

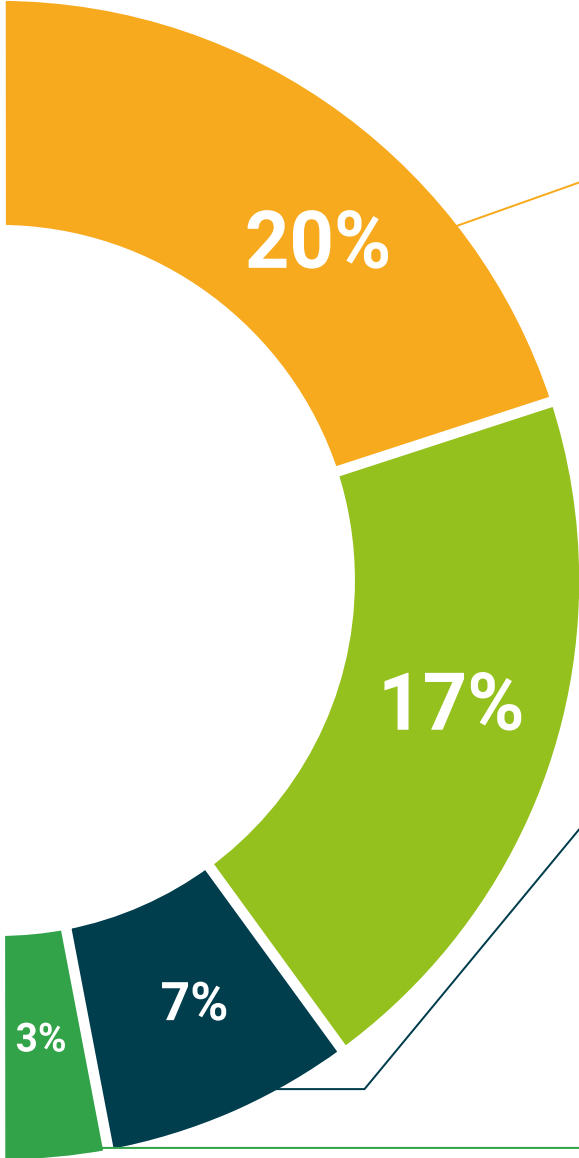
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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

Teaching Staff

The teaching team selected by TECH for this university program brings together leading experts in managing learning difficulties and addressing diversity. These professionals combine extensive academic experience with hands-on practice in educational and psychosocial contexts, enabling them to provide a comprehensive and applied perspective on the content. Additionally, they have participated in pedagogical innovation projects and the development of inclusive strategies, contributing relevant research on interventions for students with specific educational support needs. Thanks to their specialized knowledge, graduates will receive an education aligned with the latest trends and best practices in the field.





“

Renowned specialists in the field will provide you with the most up-to-date knowledge to master all aspects related to ADHD”

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

**Trastorno
Déficit
Atención
Hiperactividad**

TDAH

07

Certificate

The Postgraduate Certificate in Attention Deficit Hyperactivity Disorder (ADHD) guarantees students, in addition to the most rigorous and up-to-date education, access to a 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**
- » Credits: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Postgraduate Certificate

Attention Deficit Hyperactivity Disorder (ADHD)