

Postgraduate Certificate

Neurodevelopmental Disorders and Intellectual Disability for Teachers



Postgraduate Certificate

Neurodevelopmental Disorders and Intellectual Disability for Teachers

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

Website: www.techtute.com/us/education/postgraduate-certificate/neurodevelopmental-disorders-intellectual-disability-teachers

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 16

05

Methodology

p. 26

06

Certificate

p. 34

01

Introduction

Currently, the education sector proposes challenges of high demand and professional commitment, being the case of students with Neurodevelopmental Disorders or Intellectual Disabilities. To adequately address these special cases, the teachers must address the corresponding educational needs through lessons that contribute in areas such as language, behavior and motor skills. That is why TECH has designed this 100% online program, composed of audiovisual material and complementary readings of great academic impact, in order to provide updated tools to face the current and future challenges of the field.





“

Identify the main characteristics of a student with Neurodevelopmental Disorder and help them in their educational treatment to improve their intellectual abilities”

Nowadays, teaching professionals need complementary skills to develop their praxis, since there may be cases where their students present Intellectual Disorders or Disabilities. For this, they have to delve into techniques and methodologies focused on the improvement of movements and cognitive behaviors, this will strengthen the procedures to lead a social coexistence, improve the use of language and create affective bonds.

In order to face these challenges in the field in the best possible way, professionals must acquire a series of new competencies that will allow them to favor personal development and improve the quality of life of their students, as well as that of their families and relatives.

That is why TECH has designed this Postgraduate Certificate, focused on the progress and personal growth of children and young people diagnosed with some type of Neurodevelopmental Disorder or who have an Intellectual Disability. Therefore, the teaching professionals will find within this program a wide academic range, full of audiovisual material, complementary readings and practical exercises based on real cases.

It should be noted that the program's course will be in an online format, so there will be no need to go to an on-site center. It will also have a virtual campus from which the content of the Postgraduate Certificate can be extracted and reviewed as many times as necessary.

This **Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability** for Teachers contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Neurodevelopmental Disorders and Intellectual Disability
- ♦ The graphic, schematic, and practical contents with which they are created, provide 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



Stand out in your professional field after having completed this Postgraduate Certificate of high academic value"

“ *A program full of updated information about ASD, so that once you have completed it you will be an expert in the field*”

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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

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

Turn the student's depression into an inspirational tool for the creation of artistic pieces.

TECH offers you an innovative and high-impact program, tailored to your needs to achieve your professional goals.



02

Objectives

TECH's main objective for this Postgraduate Certificate is to provide updated and exclusive information so that the professionals acquires a series of academic competencies, mainly focused on the management of disabilities and neurological disorders. In this way, they will obtain new knowledge to face specific cases of high pedagogical demand.

In this way, the learning acquired in this program will provide new didactic and essential tools for this specific field.





“

Once you have completed this program, you will be able to help the world by doing your bit in the treatment of students with Neurodevelopmental Disorders”



General Objectives

- ♦ Know how Special Education has evolved, especially regarding international entities such as UNESCO.
- ♦ Use a scientific vocabulary adjusted to the demands of multiprofessional teams, participating in student coordination and monitoring
- ♦ Collaborate in supporting families / legal guardians in the development of students
- ♦ Participate in the assessment and diagnosis of special educational needs
- ♦ Elaborate the adaptations required by students with special educational needs
- ♦ Use the methodology, tools and material resources adapted to the individual needs of students with special educational needs
- ♦ Know the basics of Psychology, Educational Sciences and Neurology both to read reports from other professionals and to establish specific guidelines for the appropriate response at school to the needs posed by students
- ♦ Establish measures both in the classroom, school and environment for students with special educational needs to enable their full inclusion in today's society





Specific Objectives

- Know and compare the evolution of the concept of intellectual disability
- Differentiate and recognize developmental variables and differential aspects
- Understand and appreciate multiprofessional coordination
- Differentiate and analyze special educational needs
- Know the tools and materials to be used
- Recognize and reflect on the different evaluations and prognoses to be established



Enhance your career with this Postgraduate Certificate and be part of the select group of teachers focused on the special education of students with Neurodevelopmental Disorders"

03

Course Management

In its commitment to academic excellence, TECH has selected a teaching staff highly committed to the field of Neurodevelopmental Disorders, so that they pour their extensive knowledge and experience in this Postgraduate Certificate. They stand out for their more than outstanding praxis, working for highly prestigious entities within the guild. It should also be noted their social commitment, providing solutions and being part of important research that seeks to respond through techniques and treatments to these intellectual disabilities.



“

*The best of the sector are waiting for you.
What are you waiting for to enroll right now?"*

Management



Dr. Mariana Fernández, María Luisa

- ♦ Educational Guidance and Professor
- ♦ Head of Studies in CEPA Villaverde
- ♦ Head of the Guidance Department at Juan Ramón Jiménez Secondary School
- ♦ Educational counselor at the Department of Education of the Community of Madrid
- ♦ Teacher in postgraduate studies
- ♦ Speaker at Educational Guidance Congresses
- ♦ PhD in Education from the Autonomous University of Madrid
- ♦ Degree in Industrial Psychology from the Complutense University Madrid

Professors

Mr. Serra López, Daniel

- ♦ Special Education Technical Assistant at the Gil Gayarre Foundation
- ♦ Educnatur Special Education Monitor
- ♦ Special Education Teacher and Tutor at C.E.E. Virgen del Loreto
- ♦ Graduate in Primary Education by ESCUNI Magisterio University Center
- ♦ Professional Master's Degree in Inclusive Education and High Abilities from CEU Cardenal Herrera University
- ♦ Expert in Attention to students with Special Educational Needs in Secondary Education by CEU Cardenal Herrera University

Ms. Ruiz Rodríguez, Rocío

- ♦ Special Education Technical Assistant at the Gil Gayarre Foundation
- ♦ Coordinator for events with children and young people
- ♦ Instructor in toy libraries and children's leisure centers
- ♦ Support service for children with special educational needs
- ♦ Graduate in Primary Education

Ms. Vílchez Montoya, Cristina

- ♦ Teacher in Primary Education, expert in Therapeutic Pedagogy
- ♦ Professor in postgraduate university studies
- ♦ English teacher at The Story Corner
- ♦ Degree in Primary Education with mention in Therapeutic Pedagogy

Mr. Pérez Mariana, Julio Miguel

- ♦ Leisure and Leisure Monitor in Camps and Extracurricular Activities
- ♦ Swimming instructor
- ♦ Primary Education Teacher
- ♦ Superior Technician in Physical and Sports Activities Animation
- ♦ Technician in Conduction of Physical-Sports Activities
- ♦ Specialized instructor course for youngsters with special educational needs

“

A unique, key, and decisive educational experience to boost your professional development”

04

Structure and Content

The content of this program has been designed according to the most relevant aspects and of greater impact in the field of Neurodevelopmental Disorders and Intellectual Disability. In this way, the module has been shaped by delving in depth into specific topics such as communication and language, social relationships, psychomotor skills and the affective-emotional dimension. In this way, professionals will find a conglomerate of information, presented through complementary readings, audiovisual material and practical exercises based on real cases.



“

*Enhance your pedagogical skills
according to the current and future
needs of the professional field"*

Module 1. Neurodevelopmental Disorders: Intellectual Disability

- 1.1. Intellectual Disability and the Cognitive System
 - 1.1.1. Definition of Intellectual Disability
 - 1.1.2. Historical Approaches
 - 1.1.3. Current Interpretation
 - 1.1.4. Cognitive Functions
 - 1.1.5. Importance of the Cognitive System
 - 1.1.6. Cognitive System Disorders
 - 1.1.7. Definition of the Cognitive System
 - 1.1.8. Parts of the Cognitive System
 - 1.1.9. Functions of the Cognitive System
 - 1.1.10. Importance of the Cognitive System
- 1.2. Variables in Development
 - 1.2.1. Importance of Variables in Development
 - 1.2.2. Personal Variables: Grade
 - 1.2.3. Personal Variables: Prenatal Causes
 - 1.2.4. Personal Variables: Perinatal Causes
 - 1.2.5. Personal Variables: Postnatal Causes
 - 1.2.6. Contextual Variables: Family
 - 1.2.7. Contextual Variables: Education
 - 1.2.8. Intellectual Disability Dimensions
 - 1.2.9. Adaptive Skills According to the Intellectual Disability Criteria
- 1.3. Differential Aspects in Intellectual Disability
 - 1.3.1. Introduction to Differential Aspects
 - 1.3.2. Cognitive Development
 - 1.3.3. Language and Communication
 - 1.3.4. Affective-Emotional and Social Dimension
 - 1.3.5. Psychomotor Dimension
 - 1.3.6. Specifying Special Educational Needs in Students with Intellectual Disabilities





- 1.4. Multiprofessional Coordination
 - 1.4.1. Definition of Multiprofessional Coordination
 - 1.4.2. The Need for Multiprofessional Coordination
 - 1.4.3. Family as the Core of Multiprofessional Coordination
 - 1.4.4. Diagnosing Disorders
 - 1.4.5. Education Center Professionals: Coordination
 - 1.4.6. Education Center External Professionals: Coordination
 - 1.4.7. Coordination between Internal and External Professionals
 - 1.4.8. The Therapeutic Pedagogy Specialist as Liaison between Professionals
 - 1.4.9. Students and Families
- 1.5. Identifying Special Educational Needs in Students with Intellectual Disabilities: Psycho-Pedagogic Assessment
 - 1.5.1. Disorder Diagnosis Documentation
 - 1.5.2. Disorder Revisions and Follow-up
 - 1.5.3. Physiotherapist Documentation
 - 1.5.4. Disorder Revisions and Follow-up by Physiotherapists
 - 1.5.5. Orthotist Documentation
 - 1.5.6. Disorder Revisions and Follow-up by Orthotists
 - 1.5.7. School Documentation
 - 1.5.8. Psychopedagogic Evaluation to Determine Student Needs in the Classroom
 - 1.5.9. Elaborating Individual Curricular Adaptation Documents
 - 1.5.10 Individual Curricular Adaptation Document Follow-up

- 1.6. Curricular Adaptations for Students with Intellectual Disability
 - 1.6.1. Regulatory Basis
 - 1.6.2. Concept of Educational Intervention
 - 1.6.3. Importance of Educational Intervention
 - 1.6.4. General Aspects of Intervention
 - 1.6.5. Cognitive Aspects in Intervention
 - 1.6.6. Socio-Affective Aspects in Intervention
 - 1.6.7. Psychomotor Aspects in Intervention
 - 1.6.8. Basic Aspects in Intervention
- 1.7. Organizing Educational Responses to Students with Intellectual Disabilities
- 1.8. Family Participation in Cases of Intellectually Disabled Individuals
- 1.9. Social Inclusion of Intellectually Disabled Individuals
- 1.10. Support and Resources for Intellectually Disabled Individuals





“

Enroll now and be part of the new generation of teachers specialized in Neurodevelopmental Disorders and Cognitive Disability”

05

Methodology

This training program offers a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





“

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.

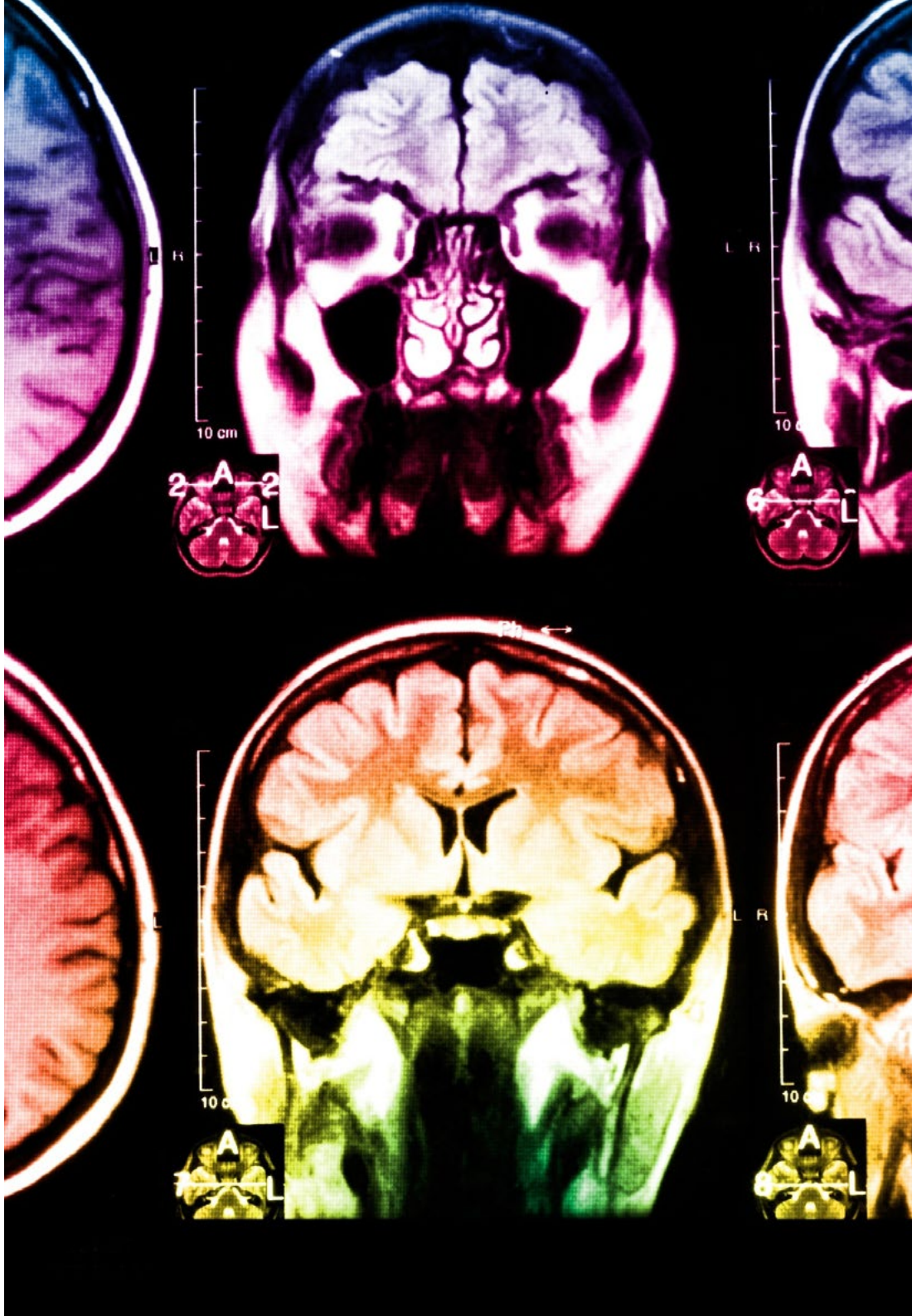
At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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.

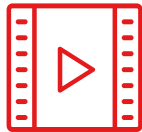
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

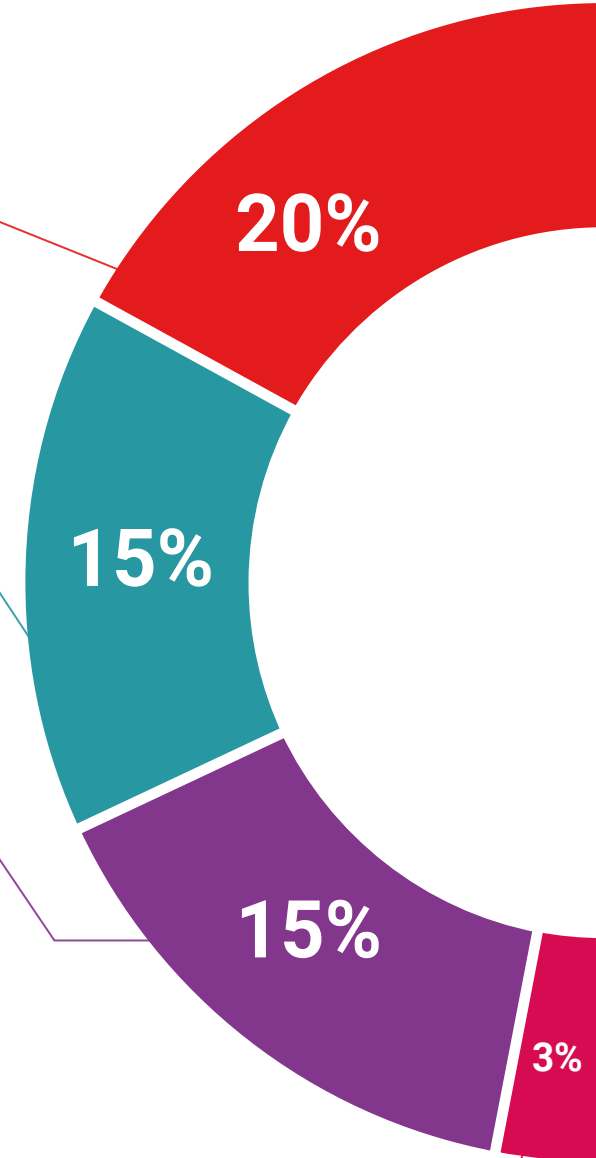
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

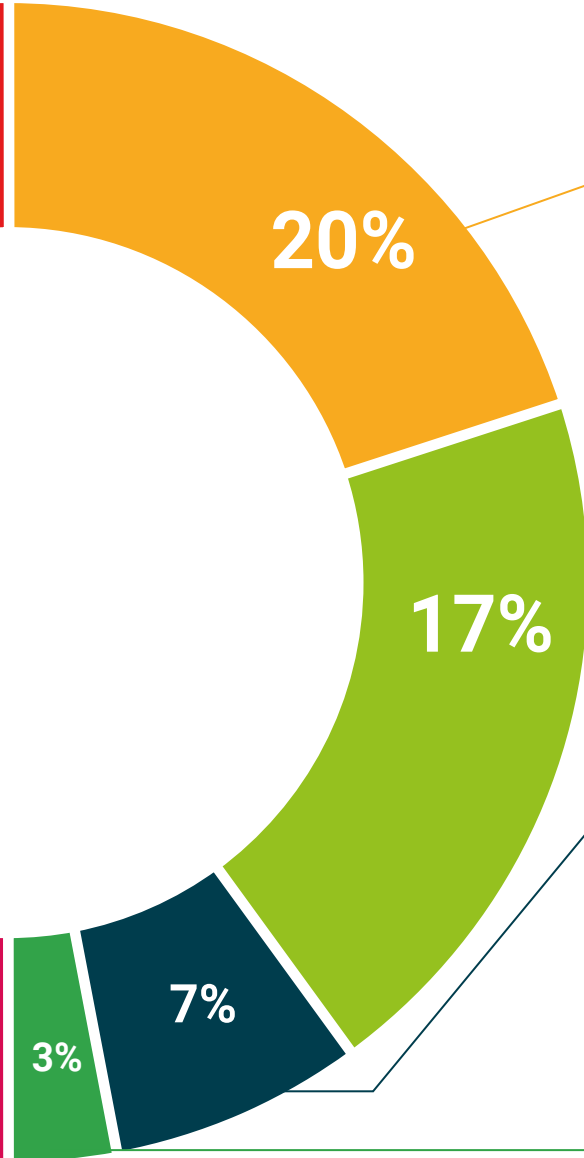
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



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.



06

Certificate

The Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Teachers guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



“

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork”

This program will allow you to obtain your **Postgraduate Certificate in Neurodevelopmental Disorders and Intellectual Disability for Teachers** 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** title 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 Neurodevelopmental Disorders and Intellectual Disability for Teachers**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



Postgraduate Certificate

Neurodevelopmental Disorders and Intellectual Disability for Teachers

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

Postgraduate Certificate

Neurodevelopmental Disorders and Intellectual Disability for Teachers