

Postgraduate Certificate

Autism Spectrum and Pervasive
and Specific Developmental
Disorders for Psychologists





Postgraduate Certificate Autism Spectrum and Pervasive and Specific Developmental Disorders for Psychologists

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

Website: www.techtute.com/us/psychology/postgraduate-certificate/autism-spectrum-pervasive-specific-developmental-disorders-psychologists

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01

Introduction

The lack of professional training among the education system personnel is made evident in school settings that include students on the autistic spectrum and those with Pervasive Developmental Disorder (PDD). An efficient response to this lack involves very specific knowledge of the professional possibilities and work methods on the part of psychologists. This program compiles the most interesting developments and the most important knowledge to offer an intensive specialization process that will propel students to a higher level of competence in the field.





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The most outstanding advances in the sector in a specific Postgraduate Certificate for psychologists”

This comprehensive program arises in response to the increasing demand for educational programs that cover special needs settings in schools. Organizations that work with disabled people, especially schools with special needs children, are subject to international regulations that now promote a new model of teaching. This approach represents a giant step forward from the obsolete segregationist system that has dominated until now, and it is designed to provide support that will have more realistic and effective chances to succeed in school integration.

To achieve these objectives, this Postgraduate Certificate will lead you through the knowledge that Therapeutic Pedagogy demands. The program will cover everything from communication with the family or legal guardians, which is at the center of any intervention, to the planning and development of the intervention processes themselves.

All these processes must adjust to the reality and possibilities of the needs of each student, in a totally individualized way. That is why TECH offers this intensive and comprehensive study on how to adapt education using the most innovative tools and material resources, which will result in a process that really boosts student learning by identifying their optimal ways of facing each area of study.

Students will certainly build these work skills based on the foundations of psychology in this area as well as on the educational sciences and neurology. What is more, they will learn to interpret and use reports and publications in this field as tools for professional growth.

This **Postgraduate Certificate in Autism Spectrum and Pervasive and Specific Developmental Disorders for Psychologists** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ◆ Practical cases presented by experts in Psychology
- ◆ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ The latest diagnostic-therapeutic developments in autism spectrum and developmental disorders
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Special emphasis on innovative methodologies in proposed clinical situations
- ◆ 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



Get the knowledge you need to intervene as a psychologist in the development of students on the autism spectrum"

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Learn how to motivate, understand and encourage your students with autism or PDD in a complete Postgraduate Certificate created to propel you to another professional level”

Its teaching staff includes expert professionals who bring the experience of their work to this program, as well as recognized specialists belonging to prestigious reference societies and 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 training program designed to train in real situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative, interactive video system that provides necessary contextualization and practical perspective.

Develop specialist competencies in Therapeutic Pedagogy to offer your school quality work in this area of fundamental interest.

Learn in a simple, intensive and flexible way with the quality of the highest rated teaching models in the online teaching scene.



02

Objectives

The objectives of this program have been established as a guide for the development of the entire course, with the specific mission of offering students very intensive training that will really boost their professional progression. A journey of personal growth that will take you to the top in your intervention as a psychologist.





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If your goal is to improve in your profession, to acquire a qualification that will enable you to compete among the best, then look no further. This update will allow you to work as a specialist in Autism Spectrum Disorders and PDD”



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





Specific Objectives

- ◆ Define and differentiate the different concepts within autism spectrum disorder
- ◆ Delve deeper into the different disorders, their characteristics, intervention and needs, among other aspects
- ◆ Recognize the different assessments to be established depending on the type of student disorder
- ◆ Understand and appreciate multiprofessional coordination
- ◆ Adapt tools and materials related to learner needs
- ◆ Recognize the different evaluations and prognoses to be established



The most interesting novelties in the sector, in an intensive, high-learning Postgraduate Certificate”

03

Course Management

The program's teaching staff includes experts in this area who will contribute their real classroom experience to the course content. Additionally, other recognized experts participate in the design and preparation, completing the program in an interdisciplinary manner.





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Learn from professional experts in the field who will provide a realistic and contextual view of this exciting job”

Management



Dr. Mariana Fernández, María Luisa

- ♦ Psychologist and Teacher specialized in Therapeutic Pedagogy
- ♦ Educational Counselor in the Community of Madrid, Consejería de Educación President and founder of the Professional Association Guidance and Education in the Community of Madrid, member of COPOE and AIOSP

Professors

Mr. Serra López, Daniel

- ♦ Master's Degree in Primary Education
- ♦ Therapeutic Pedagogy Specialist
- ♦ Active professional at a Special Education center

autism?



04

Structure and Content

The contents of this comprehensive training program have been developed by the sector's most competent professionals, with a high-quality criterion at every stage of the course. For this purpose, the most relevant and comprehensive topics have been selected, with the latest and most interesting updates.





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Everything you need to learn, with a specific look at the practical application of each piece of knowledge”

Module 1. Neurodevelopmental Disorders: Autism Spectrum Disorder / Pervasive and Specific Developmental Disorders

- 1.1. Definition, Clinical Presentation and Classification
 - 1.1.1. Etiology
 - 1.1.2. Genetic Factors
 - 1.1.3. Neurochemical Alterations
 - 1.1.4. Immune Function Alterations
 - 1.1.5. Environmental Factors
 - 1.1.6. Comorbidity
 - 1.1.7. Diagnostic Criteria
 - 1.1.8. Early Detection
 - 1.1.9. Prevalence
 - 1.1.10. Differences between DSM-5 and ICD-10 Classifications
- 1.2. Students with Autism Spectrum Disorder (ASD): Types of Alterations
 - 1.2.1. Definition According to DSM-5
 - 1.2.2. Symptoms According to DSM-5
 - 1.2.3. Definition According to ICD-10
 - 1.2.4. Symptoms According to ICD-10
 - 1.2.5. Educational Intervention According to Developmental Stage
 - 1.2.6. Educational Intervention in Early Childhood (3 to 6 Years of Age)
 - 1.2.7. Educational Intervention in Childhood (6 to 12 Years of Age)
 - 1.2.8. Educational Intervention in Adolescence (12 to 20 Years of Age)
 - 1.2.9. Educational Intervention in Adulthood (20 to 40 Years of Age)
 - 1.2.10. Curricular Adaptations

- 1.3. Identifying Special Educational Needs in ASD Students
- 1.4. ASD Student Intervention
- 1.5. Organizing Resources for ASD Students
- 1.6. Specific Intervention Models
- 1.7. Adapting the Curriculum for ASD Students
- 1.8. Educational Response for ASD Students in Childhood Education
- 1.9. Educational Response for ASD Students in Secondary and Primary Education
- 1.10. Educating Adults on ASD: Counseling for Families with ASD Students

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



05

Methodology

This academic program offers students 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.



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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 we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH the psychologist experiences a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the psychologist's professional practice.

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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. Psychologists who follow this method not only master the assimilation of concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the psychologist to better integrate knowledge into clinical practice.
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.



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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.

The psychologist 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).

This methodology has trained more than 150,000 psychologists with unprecedented success in all clinical specialties. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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 specialists who teach the course, specifically for the course, so that the teaching content is highly 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.



Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current psychology. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



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.

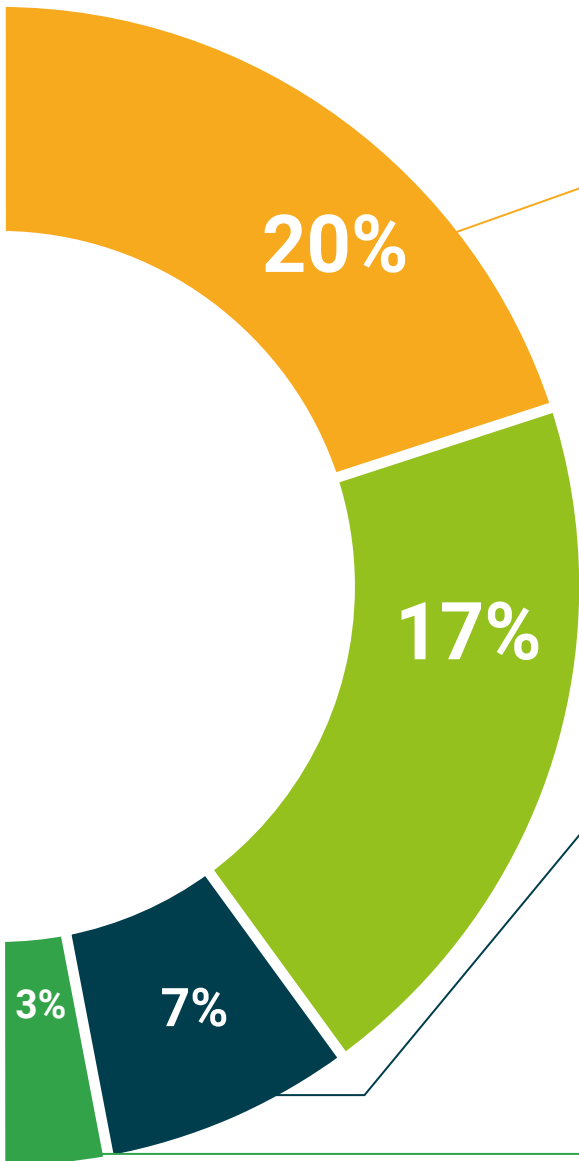
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 their 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 Autism Spectrum and Pervasive and Specific Developmental Disorders for Psychologists guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



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

This **Postgraduate Certificate in Autism Spectrum and Pervasive and Specific Developmental Disorders for Psychologists** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional from career evaluation committees.

Title: **Postgraduate Certificate in Autism Spectrum and Pervasive and Specific Developmental Disorders for Psychologists**

Official N° of hours: **150 h.**



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

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

tech technological
university

personalized service innovation

knowledge present quality
online training

development languages

virtual classroom

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