

# Postgraduate Certificate

## The Visual System and Learning Difficulties



## Postgraduate Certificate The Visual System and Learning Difficulties

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

Website: [www.techtitute.com/us/psychology/postgraduate-certificate/visual-system-learning-difficultues](http://www.techtitute.com/us/psychology/postgraduate-certificate/visual-system-learning-difficultues)

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# 01

# Introduction

The visual system plays a very important role in the learning development of children and adolescents. Occasionally, vision deficits can severely affect academic performance and, consequently, other facets of the infant's life. For this reason, parents turn to psychologists for help, so these professionals must have protocols that rule out an alteration in the visual system. For this reason, this qualification was created, which in only 150 hours gathers the most updated information in the field of visual impairment and learning difficulties. A convenient 100% online program with which specialists can broaden their knowledge without having to give up their working life.





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*This Postgraduate Certificate in The Visual System and Learning Difficulties contains the Scientific most complete and up-to-date program on the market”*

The correct functioning of the 5 senses has a significant influence on the quality of life of people. In this sense, sight plays a fundamental role and having good visual health, especially at an early age, is very important for optimal pedagogical and academic development in accordance with educational standards. However, it is very common for children and adolescents to present vision deficits, which, without them realizing it, modifies their behavior and affects their lives.

Among the consequences that usually appear are learning difficulties. For this reason, parents often turn to the psychologist for help or guidance and, knowing the importance of the visual system, the specialist must know the necessary protocols that allow him to rule out this problem. That is why this Diploma in Visual System and Learning Difficulties, a complete program that delves into the perceptual processes that influence attention and vision, as well as the correct visual development.

This is a 100% online program that will allow psychology professionals to update and expand their knowledge through the most comprehensive content. In it you will find more than 150 hours of theoretical, practical and additional material selected exclusively for this degree by a team of experts committed to teaching and to the academic improvement of the graduates.

This **Postgraduate Certificate in The Visual System and Learning Difficulties** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ Practical cases presented by experts in psychology applied to academics
- ◆ 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 self-assessment can be used 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



*A Diploma that will help you develop the necessary competencies to deal with clinical cases of children and adolescents with learning difficulties derived from visual problems"*



*A 100% online degree, accessible from any device and available 24 hours a day. Because you should be able to decide when and from where to connect"*

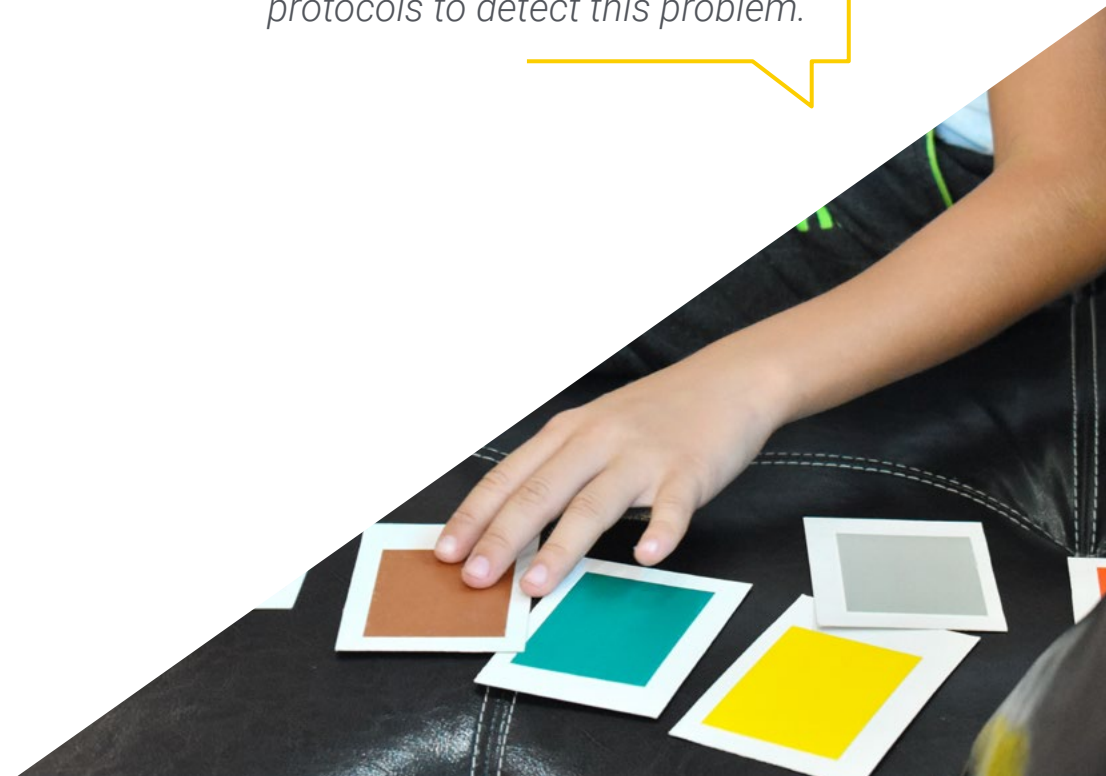
The program's teaching staff includes professionals from sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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

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

*In only 150 hours you will be able to broaden your knowledge of the different perceptual processes in learning.*

*It delves into the relationship between vision and school failure, its symptomatology and the most accurate protocols to detect this problem.*



# 02

# Objectives

TECH Technological University has designed this Diploma in Visual System and Learning Difficulties with the objective that graduates will find in this degree a guide to learning and updating concepts that will allow them to become more prepared psychology professionals. For this reason, TECH Technological University has used the most effective and modern academic and pedagogical tools to select and develop the content of the program, according to the latest developments in this field.







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*If your goal is to become a psychology professional with extensive knowledge of learning difficulties caused by a visual deficit, TECH Technological University and this Diploma are the tools you need to overcome it"*



## General Objectives

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- ♦ Update knowledge on the importance of the visual system in the classroom, with special emphasis on the appearance or presence of visual deficiencies or problems and future intervention, in order to increase the quality of professional praxis
- ♦ Introduce specialists in the wide world of visual problems in the psychologist's office, and to know the different contributions from the study of vision in school performance and potential intervention
- ♦ Know the tools used to detect visual problems and the different alternative interventions used, as well as curricular adaptation or adaptation of classroom materials
- ♦ Develop skills and abilities by encouraging continuous instruction and research





## Specific Objectives

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- ◆ Identify classroom difficulties associated with visual impairment
- ◆ Learn about the design and implementation visual impairment intervention
- ◆ Establish the detection and identification of visual impairment
- ◆ Understand adapting the pace of learning in the face of visual impairment
- ◆ Identify how to manage the timing of tasks in the face of visual impairment
- ◆ Design orientation techniques for the visually impaired

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*Deepen your understanding of attention deficit disorders with or without hyperactivity and expand your knowledge of problems associated with attention and visual perception with this program”*

# 03

## Course Management

To develop the faculty of this Diploma in Visual Systems and Learning Difficulties TECH Technological University has considered, especially, not only an extensive and specialized curriculum in this area, but also that the teachers are willing to commit themselves to the academic and professional growth of the graduates. For that reason, TECH Universidad Tecnológica guarantees an expert educational team in psychology and vision with a very high human quality, which will be willing to help the graduates whenever they need it.



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*Having a team of active experts will provide the syllabus with a more current and practical vision. This is a unique opportunity to grow with experts in the field of psychology and vision"*

## Management



### Mr. Vallejo Salinas, Ignacio

- ♦ Optometrist and Director of Mejor Visión Center
- ♦ Director of Mejor Visión Center
- ♦ Collaborator of the NGO Abre sus Ojos
- ♦ Co-founder and former president of the International Society of Developmental Optometry
- ♦ Master's Degree of Science in Clinical Optometry from the Pennsylvania College of Optometry, USA
- ♦ Master's Degree in Clinical Optometry from the European University of Madrid
- ♦ Diploma in Optics and Optometry from the University of Granada
- ♦ Diploma in Optics from the Complutense University of Madrid

## Professors

### Ms. Vallejo Sicilia, Lara

- ♦ Psychologist at Mejor Visión Center
- ♦ Visual Therapist in health institutions of the Community of Madrid
- ♦ Master's Degree in Clinical and Health Psychology by Camilo José Cela University
- ♦ Degree in Psychology from the Camilo José Cela University



# 04

## Structure and Content

This Diploma in Visual System and Learning Difficulties includes the most comprehensive theoretical program on the market, designed by TECH's team of experts following the most demanding quality and current standards. However, in this degree program, the practical part takes on special relevance, which will help graduates to contextualize the information throughout the academic experience and will significantly influence their learning and improvement as psychology professionals.





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*TECH Technological University team of experts has selected hours of high-quality supplementary material so that you can delve deeper into the aspects of the curriculum that are of interest to you"*

## Module 1. The Visual System and Learning

- 1.1. Visual Development and Learning
  - 1.1.1. Evolutionary Development of Vision
  - 1.1.2. Visual Problem Indicators in Learning
- 1.2. Vision and Academic Failure
  - 1.2.1. Symptomatology of Visual Problems at School
  - 1.2.2. Detection of Visual Problems at School
- 1.3. Attention Processes and Perceptual Learning
  - 1.3.1. Attention Models
  - 1.3.2. Types of care
- 1.4. Perceptual Processes in Learning I
  - 1.4.1. Visual Discrimination
  - 1.4.2. Constancy of Form
- 1.5. Perceptual Processes in Learning II
  - 1.5.1. Visual Closure
  - 1.5.2. Background Figure
- 1.6. Perceptual Processes in Learning III
  - 1.6.1. Laterality
  - 1.6.2. Visuospatial Organization
- 1.7. Perceptual Processes in Learning IV: Memory
  - 1.7.1. Visual Memory
  - 1.7.2. Auditory Memory
  - 1.7.3. Multisensorial Memory
- 1.8. Attention and Visual Perception Problems
  - 1.8.1. Attention Deficit Disorder with or without Hyperactivity
  - 1.8.2. Reading Problems: Delayed Reading Acquisition
  - 1.8.3. Writing Problems





- 1.9. Problems Associated with Visual Information Processing
  - 1.9.1. Discrimination Difficulties
  - 1.9.2. Closure and Inversion Difficulties
- 1.10. Problems Associated with Visual Memory
  - 1.10.1. Short-Term Memory Difficulties vs. Long-Term Visual
  - 1.10.2. Difficulties with Other Memory Like Semantic Memory
- 1.11. Other Vision-Related Learning Problems
  - 1.11.1. Mental Disability and Intellectual Disability
  - 1.11.2. Other Development Disorders
- 1.12. Educational Intervention in Visual Impairment
  - 1.12.1. Curricular Adaptations to Visual Impairment
  - 1.12.2. Media Adaptations to Visual Impairment

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*Get The time has come to take a step forward in your professional career. By choosing TECH Technological University, you will certainly embark on the path towards an improvement that will make you stand out in the psychology sector”*

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 The Visual System and Learning Difficulties guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



The image features two graduation caps against a blue sky with light clouds. One cap is black with a black tassel, and the other is maroon with a black tassel. The caps are positioned in the upper left and center of the frame. The background is split into a white diagonal section at the bottom right and a magenta section at the top right.

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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 The Visual System and Learning Difficulties** 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 career evaluation committees.

Title: **Postgraduate Certificate in The Visual System and Learning Difficulties**  
Official N° of Hours: **150h**.



\*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.



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- » Exams: **online**

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