Postgraduate Diploma
Visual System and Learning of Literacy Skills

tech global university

Postgraduate Diploma
Visual System and Learning of Literacy Skills

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **24 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/psychology/postgraduate-diploma/postgraduate-diploma-visual-system-learning-literacy-skills**

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Introduction

Visual abilities in children and adolescents are often assumed, so sometimes there is not enough knowledge to detect problems associated with an ocular deficiency or disability. In addition, when this type of problem is detected in the consultation, it is necessary to know how to give the appropriate response from the psychological intervention, either with specific treatments or through referral to the relevant professionals. For this reason, this degree will help psychologists to have a broad knowledge of the different options and alternatives for intervention, thus making them better professionals. All this, through a program designed by experts by experts and presented in a convenient digital and online format.

Become a psychologist much better prepared to deal with visual system alterations with this University Expert that TECH Global University offers you"

Sight is one of the most important senses in the learning process. That is why good vision is an indispensable requirement for students during the school period. Otherwise, this could cause them problems during the teaching of reading and writing and even make it impossible for them to complete the tasks that allow them to develop optimal academic performance.

In this sense, the role of psychologists is fundamental, since intervening in its early diagnosis and referral to the appropriate specialists can positively interfere in the child's attitude. Thanks to this University Expert in Visual System and Learning of Literacy Skills, graduates will place special emphasis on the learning process, but, above all, on the development of reading and writing skills from the psychological consultation, in order to know how to detect visual problems, their consequences and the most appropriate way to intervene in each case.

This is a 100% online degree that will provide specialists with the necessary knowledge in symptomatology and problems associated with visual impairment in the office, which will enable them to deal comprehensively with any adversity related to this system in school performance.

This **Postgraduate Diploma in Visual System and Learning of Literacy Skills** 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

This University Expert will enable you to deal with clinical cases of patients with reading and writing problems derived from lack of vision"

A 100% online degree, accessible from any device and available 24 hours a day to guarantee an academic experience tailored to your needs.

You will be able to improve your skills in detecting problems in the classroom caused by lack of vision.

"Thanks to this University Expert you will be up to date in the latest scientific advances in the visual system and its importance in the learning of reading and writing"

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.

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Objectives

This program in Visual Systems and Literacy Learning has been designed so that specialists can update and expand their knowledge in this area through a single degree and obtain the best possible academic experience. For this reason, the content of this program has been developed thoroughly and according to the most demanding quality parameters in the industry.

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This University Expert will allow you to update your knowledge in Visual System and Literacy Learning through the use of the latest educational technology"

General Objectives

- Introduce students to the wide world of visual problems in the classroom, and know the different contributions from the study of vision in academic achievement and the potential options for intervention

- Develop skills and abilities by encouraging continuous instruction and research

- 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

- Apply the tools used for visual impairment detection and the different alternatives for intervention and curricular or classroom material adaptation

Specific Objectives

Module 1. Fundamentals of Learning and School Performance

- Understand the peculiarities of adult learning
- Recognize the role the senses play in learning
- Observe perception in learning
- Explore attention in learning
- Solve attention-related problems in learning: ADHD

Module 2. The Visual System and Reading

- Discover the evolutionary development of vision
- Introduce the development of vision in the educational environment
- Discern visual attention in learning
- Understand visual perception in learning
- Classify primary and association visual areas

Module 3. The Visual System and Writing

- Discover congenital visual impairment
- Learn about acquired visual impairment
- Establish the degree of vision
- Classify visual impairment by type
- Understand motor impairment associated with vision

Module 4. The Visual System and Learning

- 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

Reaching your most ambitious academic goals will be a simple task thanks to TECH Global University and this University Expert"

03

Course Management

For the elaboration of the teaching staff of this University Expert in Visual System and Literacy Learning TECH Global University has selected the best possible team: professionals with years of experience in the field of child psychology. They are a group of experts in the area who will bring to the degree a current and personal character, based on their own work experience and following the pedagogical methodology that successfully defines this university.

The teaching staff will be at your disposal for any questions you may have during the course of the degree"

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

Dr. De la Serna, Juan Moisés

- Psychologist and Writer expert in Neurosciences
- Writer specializing in Psychology and Neurosciences
- Author of the Open Chair in Psychology and Neurosciences
- Scientific disseminator
- PhD in Psychology
- Degree in Psychology. University of Seville
- Master's Degree in Neurosciences and Behavioral Biology Pablo de Olavide University, Seville

- Expert in Teaching Methodology. La Salle University
- University Specialist in Clinical Hypnosis, Hypnotherapy. National University of Distance Education - UNED
- Diploma in Social Graduate, Human Resources Management, Personnel Administration. University of Seville
- Expert in Project Management, Administration and Business Management. Federation of Services UGT
- Trainer of Trainers. Official College of Psychologists of Andalusia

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

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

Structure and Content

This program in Visual System and Literacy Learning has been designed following the guidelines defined by the successful Relearning-based learning methodology. In this way, the most important concepts are reiterated throughout the syllabus, so that graduates will not have to spend extra hours memorizing. In addition, this methodology favors natural and progressive learning and reduces the teaching load.

In the Virtual Classroom you will find additional material to deepen your knowledge of the aspects of the syllabus that you consider most important for your professional improvement"

Module 1. Fundamentals of Learning and School Performance

1.1. Defining Learning
    1.1.1. Understanding Learning
    1.1.2. Types of Learning
1.2. The Characteristics of Learning
    1.2.1. Learning Classification
    1.2.2. Theories on Learning
1.3. Learning Assessment
    1.3.1. Learning in Childhood
    1.3.2. Learning in Adolescence
1.4. Basic Processes in Learning
    1.4.1. The Sensation Process in Learning
    1.4.2. The Perception Process in Learning
1.5. Attention Processes in Learning
    1.5.1. The Process of Attention in Learning
    1.5.2. Attention Problems in Learning
1.6. Cognitive Processes and Meta-Cognitive Learning
    1.6.1. The Cognitive Process in Learning
    1.6.2. The Process of Metacognition in Learning
1.7. Evolution of Psychological Processes in Learning
    1.7.1. Origin of Psychological Processes in Learning
    1.7.2. Evolution of Psychological Processes in Learning
1.8. The Role of the Family in Education
    1.8.1. The family as the First Socializing Agent in Learning
    1.8.2. Family Educational Models
1.9. The Educational Context
    1.9.1. Features of Non-formal Education
    1.9.2. Features of Formal Education
1.10. Learning Difficulties
    1.10.1. Difficulties due to Cognitive Impairments
    1.10.2. Difficulties in Academic Performance

Module 2. The Visual System and Reading

Module 4. The Visual System and Learning

4.1.   Visual Development and Learning
  4.1.1.   Evolutionary Development of Vision
  4.1.2.   Visual Problem Indicators in Learning
4.2.   Vision and Academic Failure
  4.2.1.   Symptomatology of Visual Problems at School
  4.2.2.   Detection of Visual Problems at School
4.3.   Attention Processes and Perceptual Learning
  4.3.1.   Attention Models
  4.3.2.   Types of care
4.4.   Perceptual Processes in Learning I
  4.4.1.   Visual Discrimination
  4.4.2.   Constancy of Form
4.5.   Perceptual Processes in Learning II
  4.5.1.   Visual Closure
  4.5.2.   Background Figure
4.6.   Perceptual Processes in Learning III
  4.6.1.   Laterality
  4.6.2.   Visuospatial Organization
4.7.   Perceptual Processes in Learning IV: Memory
  4.7.1.   Visual Memory
  4.7.2.   Auditory Memory
  4.7.3.   Multisensorial Memory
4.8.   Attention and Visual Perception Problems
  4.8.1.   Attention Deficit Disorder with or without Hyperactivity
  4.8.2.   Reading Problems: Delayed Reading Acquisition
  4.8.3.   Writing Problems
4.9.   Problems Associated with Visual Information Processing
  4.9.1.   Discrimination Difficulties
  4.9.2.   Closure and Inversion Difficulties

4.10.   Problems Associated with Visual Memory
  4.10.1.   Short-Term Memory Difficulties vs. Long-Term Visual
  4.10.2.   Difficulties with Other Memory Like Semantic Memory
4.11.   Other Vision-Related Learning Problems
  4.11.1.   Mental Disability and Intellectual Disability
  4.11.2.   Other Development Disorders
4.12.   Educational Intervention in Visual Impairment
  4.12.1.   Curricular Adaptations to Visual Impairment
  4.12.2.   Media Adaptations to Visual Impairment

The best opportunity to grow professionally in the field of psychology under the guidance of experts and backed by the prestige that defines TECH Global University"

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.

"

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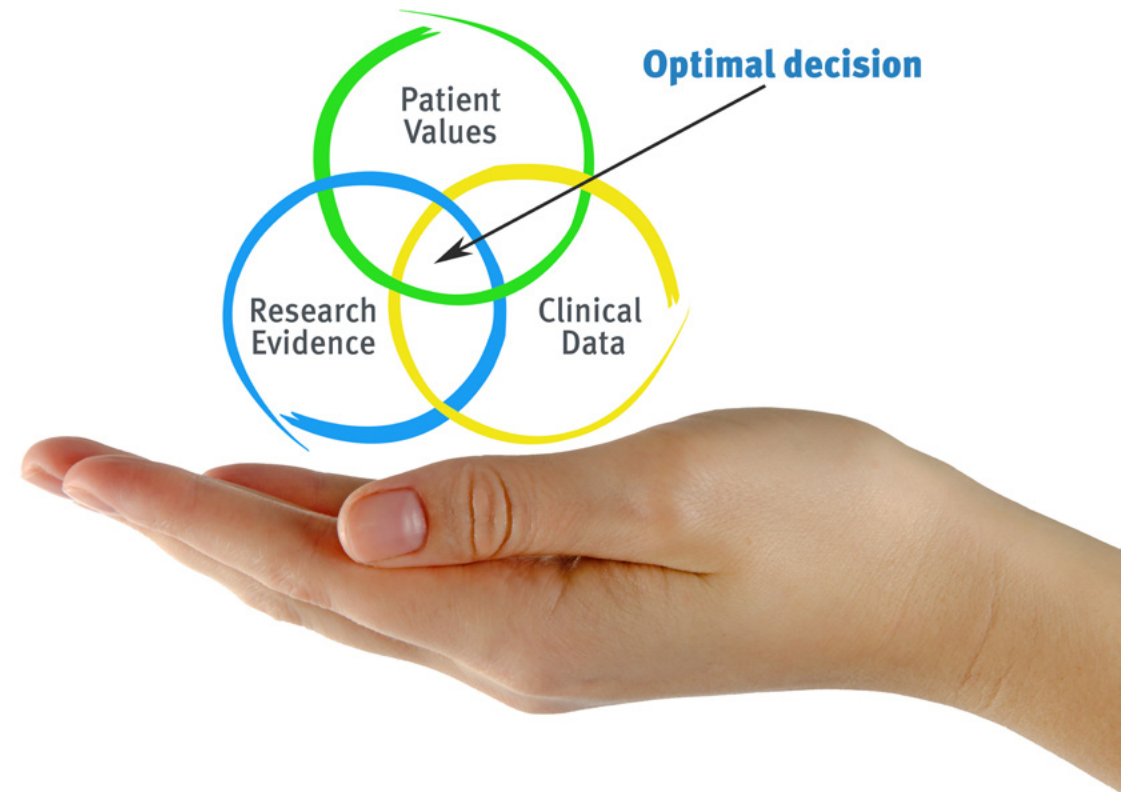
According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that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

" *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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

20%

17%

7%

3%

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.

Certificate

The Postgraduate Diploma in Visual System and Learning of Literacy Skills guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

> *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 Diploma in Visual System and Learning of Literacy Skills** 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.
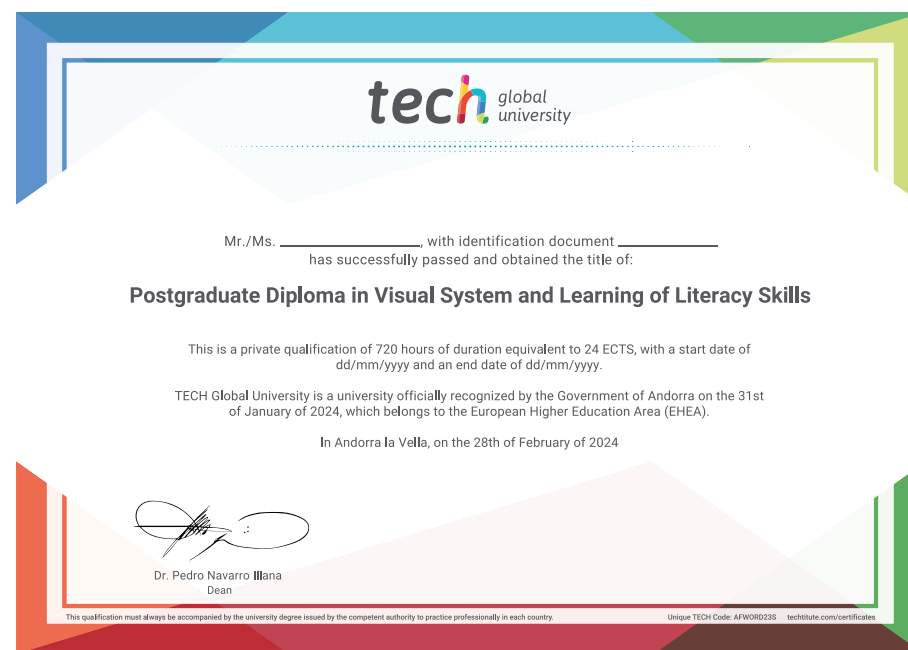
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Visual System and Learning of Literacy Skills**

Modality: **online**

Duration: **6 months**

Accreditation: **24 ECTS**

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Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Diploma in Visual System and Learning of Literacy Skills

This is a private qualification of 720 hours of duration equivalent to 24 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

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