Postgraduate Diploma

Visual Impairment and School Performance

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Postgraduate Diploma

Visual Impairment and School Performance

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

Website: www.techtitute.com/in/psychology/postgraduate-diploma/postgraduate-diploma-visual-impairment-school-performance

Index

01

Introduction

Sometimes there is not enough knowledge to detect problems associated with a Visual Impairment or disability, so qualified and trained personnel are required. In this sense, psychologists play a very important role, since, through the therapies they provide, they are able to detect the frustration caused by these deficiencies and to channel the child or adolescent towards a path where these deficiencies can be corrected and where they can have a better academic performance. This is why this 100% online degree was created to improve the professional skills of graduates, enabling them to perform this task thanks to the most updated and cutting-edge program and the support of a group of experts in the sector.

This Postgraduate Diploma in Visual Impairment and School Performance will generate a sense of confidence when fulfilling your profession as a psychologist, which will help you grow both personally and professionally"

The role of psychologists in the detection and prevention of vision-related problems is very important. Working on them at an early stage can have a positive influence on the schoolchildren's lives and even improve their academic performance.

With the aim of providing graduates with an in-depth knowledge of both the symptomatology and the problems associated with visual impairment in the classroom, this University Expert in Visual Impairment and School Performance is a program that offers a broad and complete vision of the complex world of the visual system and its implications in different areas of life, including academia. Likewise, it brings together the different theoretical and practical approaches so that any interested professional will first know what the visual system is, how it develops, what deficiencies it may present, how to detect them, and what interventions to carry out, all with the objective of making it applicable to his or her job.

It is a complete 100% online program designed by experts in psychology and pedagogy and oriented exclusively to the professional improvement of graduates. In it you will not only find the best theoretical content, but you will also find real clinical cases to contextualize the information and a lot of additional material with which you will be able to deepen in each section of the syllabus that you consider most relevant to your profession.

This **Postgraduate Diploma in Visual Impairment and School Performance** 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

The professional improvement you were looking for is at your fingertips with this University Expert in Visual Alterations and School Performance"

You will have on your resume a degree endorsed by the world's largest online university and a team of industry experts"

Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice as a psychologist.

Increase your decision-making confidence by updating your knowledge with this University Expert course.

The program's teaching staff includes professionals from the 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 provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an 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 student will be assisted by an innovative interactive video system created by renowned experts.

02

Objectives

The launching of this University Expert in Visual Alterations and School Performance has been carried out with the aim that graduates will find in this degree the answer to their search for a complete and comprehensive program that covers the latest advances in ocular pathologies and visual dysfunctions. In this way, they will be able to develop the professional skills necessary to deal with clinical cases of patients suffering from this situation.

Achieving your most ambitious academic goals will positively influence your career in psychology"

General Objectives

- Enable the development of skills and abilities by encouraging continuous training 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
- 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
- Apply the tools used for visual impairment detection and the different alternatives for intervention and curricular or classroom material adaptation

Take the step to get up to date on the latest developments in Visual Alterations and School Performance and become a psychologist prepared to treat patients with these pathologies"

Specific Objectives

Module 1. Fundamentals of Learning and School Performance

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

Module 2. The Visual System

- Discover paralytic strabismus
- Learn about refractive strabismus
- Introduce monocular amblyopia
- Distinguish bilateral amblyopia
- Understand congenital nystagmus
- Learn about childhood nystagmus
- Identify myopia

Module 3. Visual Dysfunctions

- Discover the process of reading
- Learn about the developments associated with reading
- Introduce oral speech skills in reading
- Discern phonological awareness in reading
- Understand the logographic phase of reading
- Learn about the alphabetic phase of reading

Module 4. Ocular pathology

- Discover the process of writing
- Learn about the development associated with writing
- Evaluate the planning module in writing
- Understand the intervention of the planning module in writing
- Understand the intervention of the lexical modules in writing

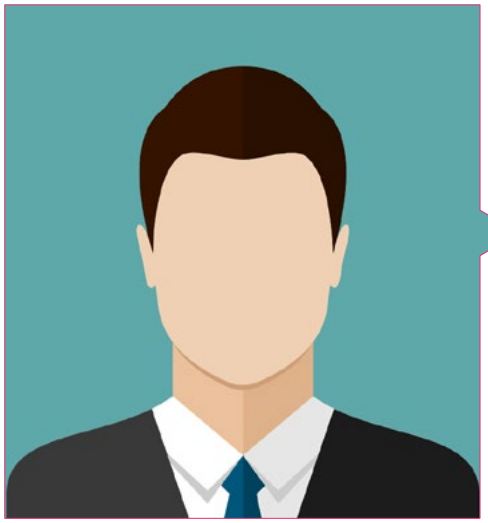
03

Course Management

For the selection of the teaching team of this University Expert in Visual Alterations and School Performance, TECH Technological University has taken into account 2 criteria: that they are specialists with a long career in this field of psychology and that they are willing to commit themselves to the professional growth of the graduate. For this reason, you will find in this degree a group of experts who will ensure that you achieve your academic and professional goals.

The experience of the teaching team will bring to the syllabus a current, personal, critical and realistic vision"

Management



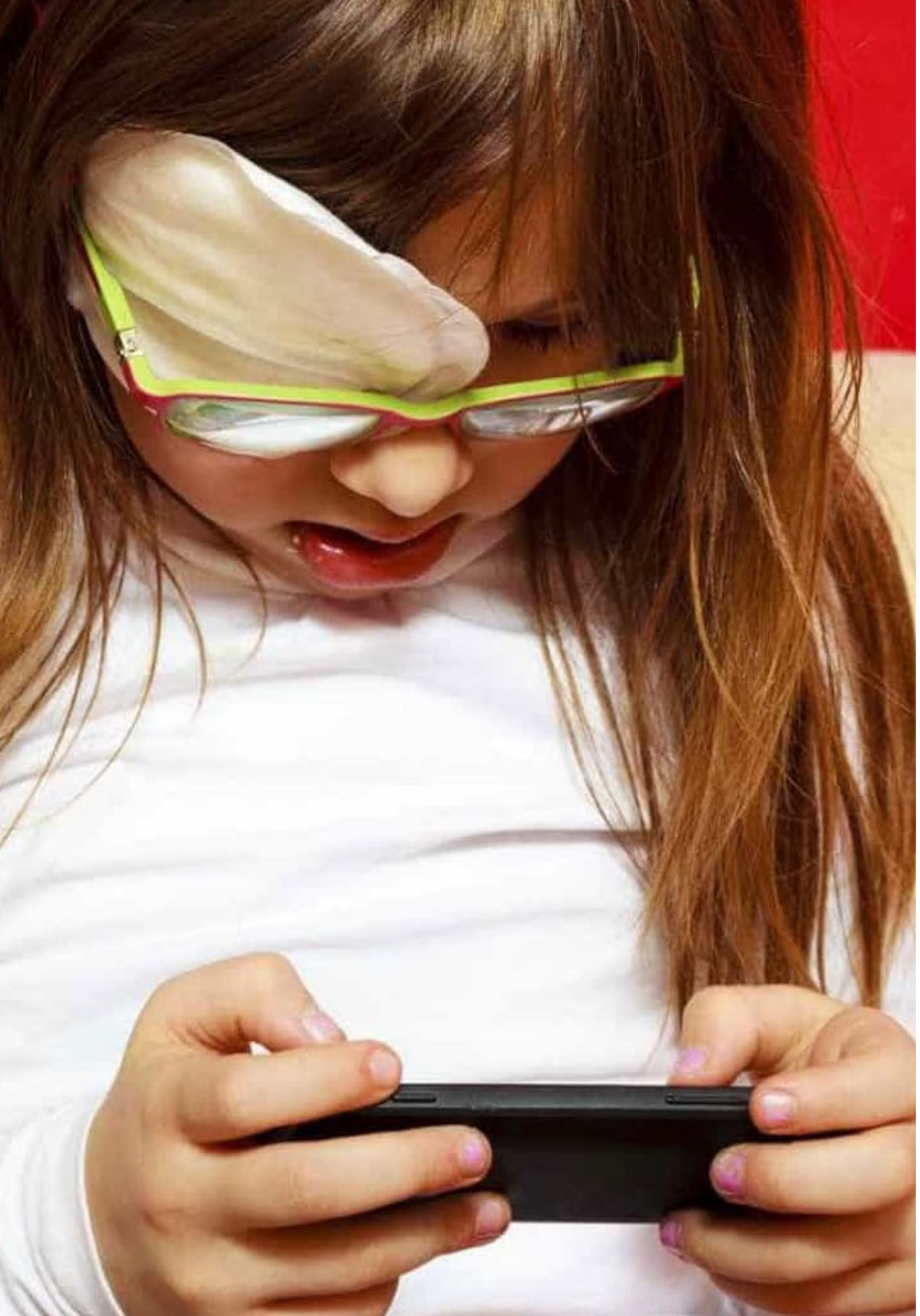
Mr. Vallejo Salinas, Ignacio

- 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

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



Dr. Vallejo Bermejo, Miguel

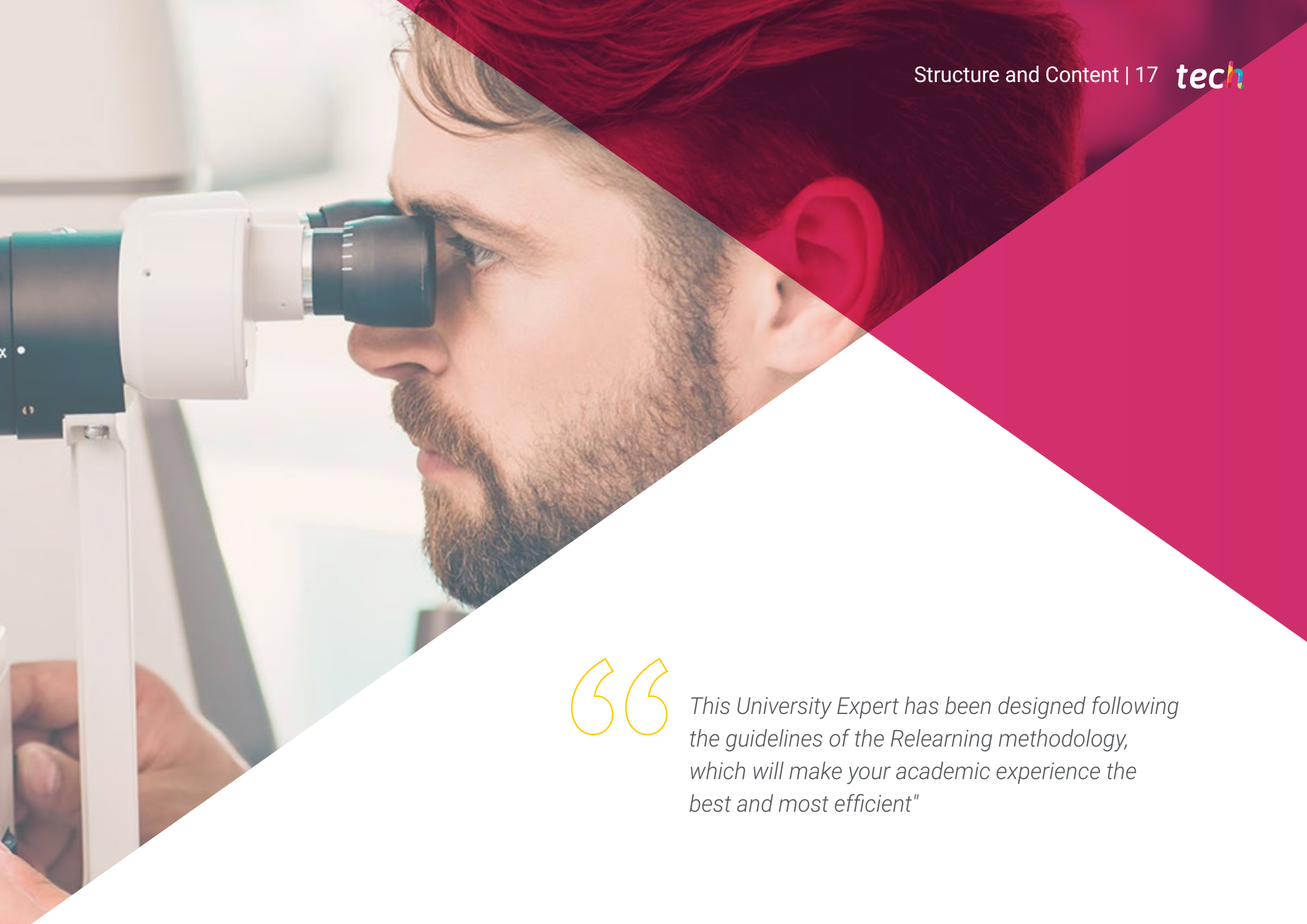
- Technical Director and Optometric Audiologist of the Postas Group
- Doctorate in Health Science and Technology from CEU San Pablo University
- Master's Degree in Visual Rehabilitation from the University of Valladolid
- Higher Technician in Prosthetic Audiology by the European University
- Expert in Pediatric Optometry and Low Vision by the European University

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

04

Structure and Content

The structure of the contents of this University Expert in Visual Alterations and School Performance has been designed by a team of psychology professionals from the best educational centers and universities in the country, aware of the relevance of the current relevance of innovative instruction, and committed to quality teaching through new educational technologies. These contents will be the main tool for graduates to successfully enter this exciting labor field.



This University Expert has been designed following the guidelines of the Relearning methodology, which will make your academic experience the best and most efficient"

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 Metacognitive 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

2.1. The Visual Nervous System
- 2.1.1. Neurons and Neuronal Network in the Eye
- 2.1.2. Poles and Cones

2.2. The Peripheral Visual Nervous System
- 2.2.1. Sympathetic Nervous System
- 2.2.2. Parasympathetic Nervous System

2.3. The Central Visual Nervous System
- 2.3.1. Nerves and Ocular Tracts
- 2.3.2. The Visual Cortex

2.4. Eye Embryology
- 2.4.1. Ectoderm
- 2.4.2. Mesoderm

2.5. Childhood Visual Development
- 2.5.1. Infant Eye Development
- 2.5.2. Visual Development in the First Year of Life

2.6. Ontogenetic Development
- 2.6.1. Monocular Reflexes
- 2.6.2. Binocular Reflexes

2.7. Adolescence Visual Development
- 2.7.1. Adolescent Visual Development

2.8. Neurodegenerative Pathologies
- 2.8.1. Visual Development in Neurodegenerative Pathologies

2.9. Congenital Visual Problems
- 2.9.1. Classification and Symptomatology
- 2.9.2. Detection and Intervention

2.10. Acquired Visual Problems
- 2.10.1. Classification and Symptomatology
- 2.10.2. Detection and Intervention

Module 3. Visual Dysfunctions

3.1. Extraocular Muscles
- 3.1.1. Straight Muscles
- 3.1.2. Oblique Muscles

3.2. Eye Movements I
- 3.2.1. Ductions
- 3.2.2. Versions

3.3. Eye Movements II
- 3.3.1. Convergence
- 3.3.2. Divergence

3.4. Associated with Parallelism
- 3.4.1. Non-paralytic Strabismus
- 3.4.2. Refractive Strabismus

3.5. Intraocular Muscles
- 3.5.1. Ciliary Muscles
- 3.5.2. Lens

3.6. Muscles Associated to Vision Loss in One Eye
- 3.6.1. Monocular Amblyopia
- 3.6.2. Bilateral Amblyopia

3.7. Associated to Accommodation
- 3.7.1. Insufficient/- Excessive Accommodation
- 3.7.2. Accommodation Inflexibility

3.8. Associated to Vergences
- 3.8.1. Insufficient/- Excessive Convergence or Divergence
- 3.8.2. Convergence/Divergence Inflexibility

3.9. Associated to Oculomotor Dysfunctions
- 3.9.1. Fixation
- 3.9.2. Monitoring
- 3.9.3. Saccadic

3.10. Associated to Refractive Defects
- 3.10.1. Myopia
- 3.10.2. Hyperopia

Module 4. Ocular pathology

4.1. Associated with Parallelism
- 4.1.1. Paralytic Strabismus

4.2. Associated to Eye Movement
- 4.2.1. Congenital Nistagmus
- 4.2.2. Nistagmus in Childhood

4.3. Associated to Macula
- 4.3.1. Myopic Macular Hole
- 4.3.2. Muscular Degeneration Related to Aging

4.4. Associated to Cornea and Conjunctiva
- 4.4.1. Conjunctivitis
- 4.4.2. Corneal Dystrophies

4.5. Associated to Glaucoma
- 4.5.1. Neovascular Glaucoma
- 4.5.2. Congenital Glaucoma

4.6. Associated to Color
- 4.6.1. Colorblindness
- 4.6.2. Achromatopsia

Distinguish yourself from other psychologists with this University Expert and improve the way you treat your patients"

05

Methodology

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

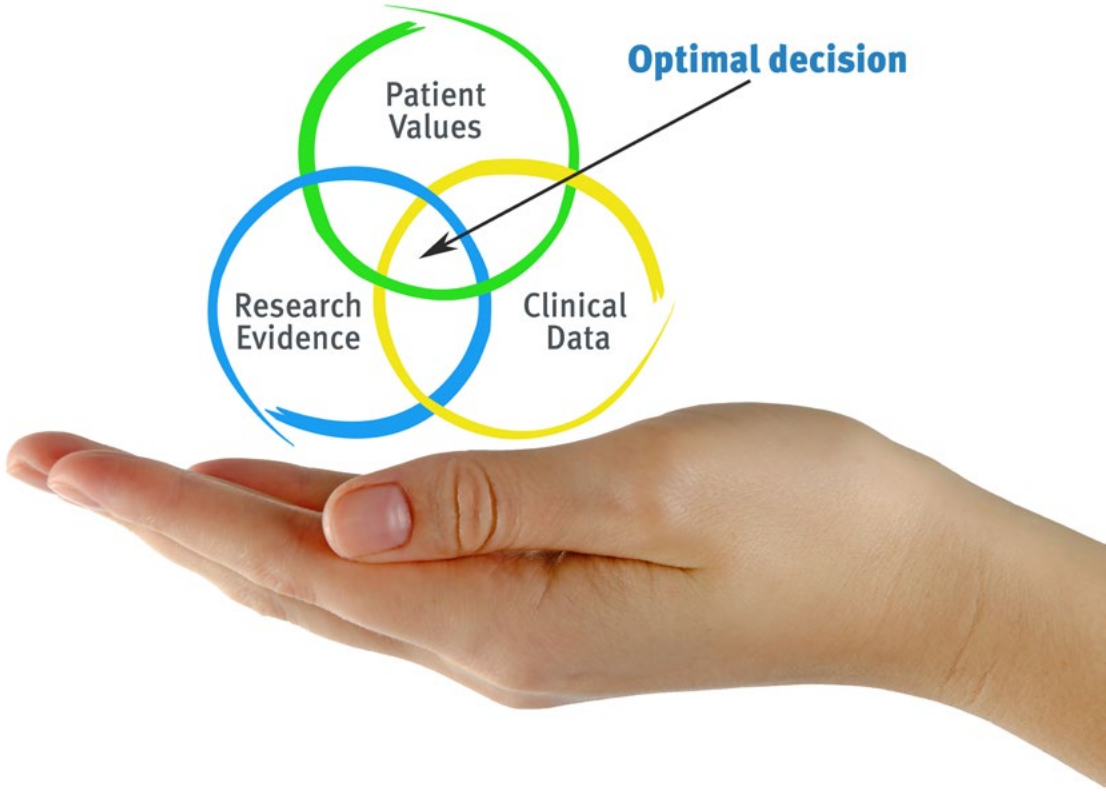
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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:

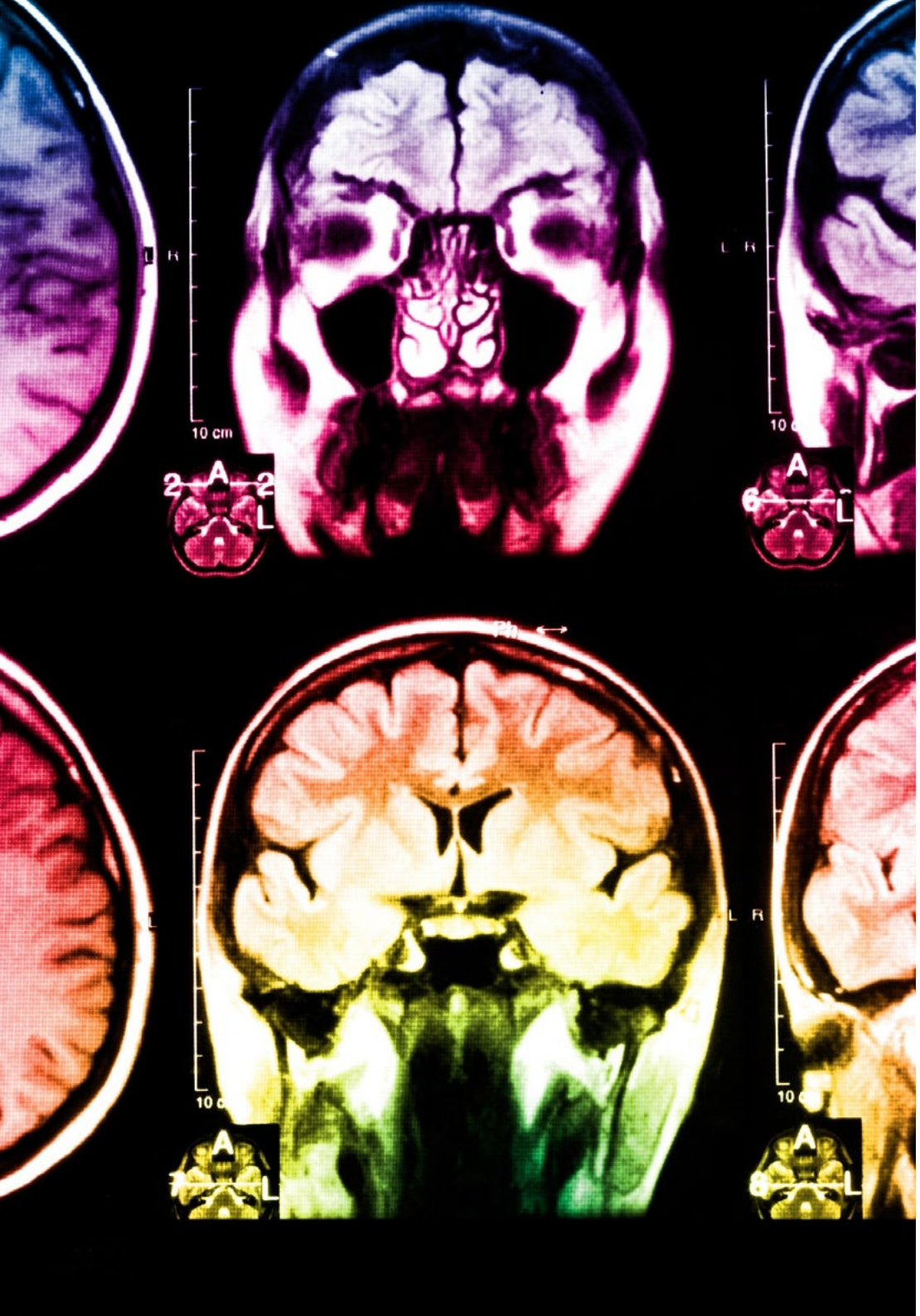
1. Psychologists who follow this method not only master the assimilation of concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the psychologist to better integrate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



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.

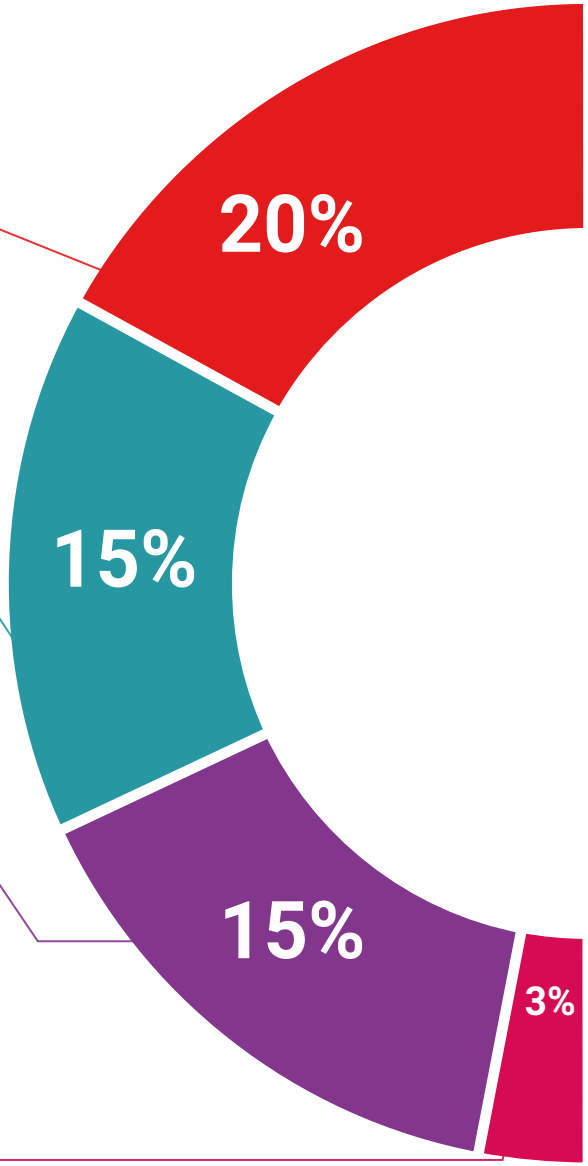
Interactive Summaries

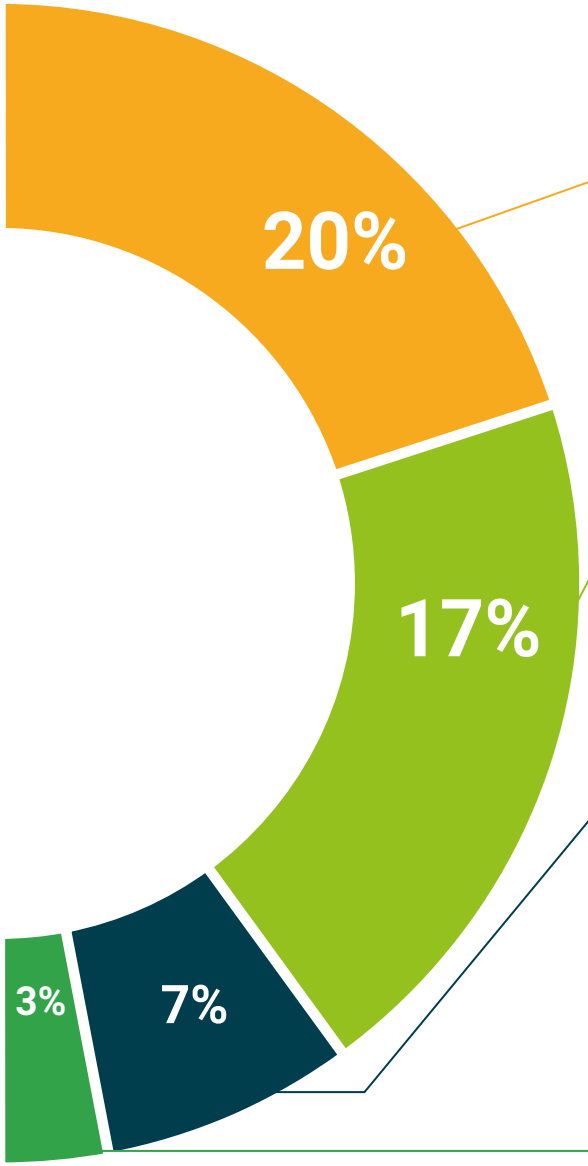
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Diploma in Visual Impairment and School Performance guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

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

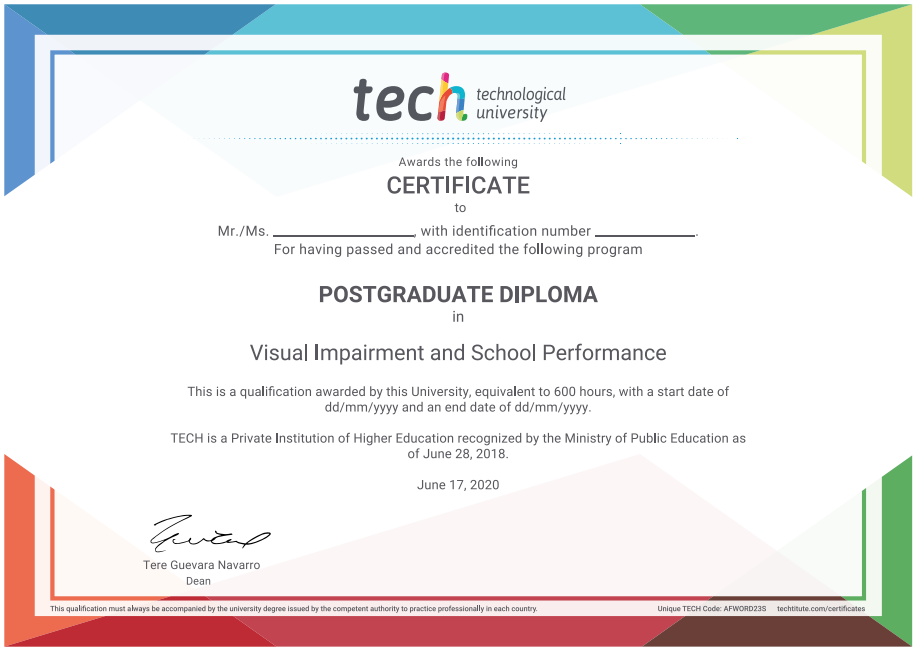
This **Postgraduate Diploma in Visual Impairment and School Performance** contains the most complete and up-to-date program on the market.

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

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

Title: **Postgraduate Diploma in Visual Impairment and School Performance**

Official Nº of Hours: **600 h.**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Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE DIPLOMA

in

Visual Impairment and School Performance

This is a qualification awarded by this University, equivalent to 600 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro

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 certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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Postgraduate Diploma

Visual Impairment and School Performance

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