

# Postgraduate Diploma Neuropsychology of the Elderly





## Postgraduate Diploma Neuropsychology of the Elderly

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

Website: [www.techtute.com/in/psychology/postgraduate-diploma/postgraduate-diploma-neuropsychology-elderly](http://www.techtute.com/in/psychology/postgraduate-diploma/postgraduate-diploma-neuropsychology-elderly)

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01

# Introduction

Can we say that a 70-year-old is an old man? The advances of medicine, dietetics and above all health care, place us life expectancy ever further, and therefore it is necessary to have a regiment of psychologists and doctors who are specialized in old age disorders, as they are represented today.







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*With this Postgraduate Diploma the psychologist will have the domain of the relational in the therapist-patient intervention, and therefore, of the norms that direct the subject's interaction with the world in the here and now"*

By studying this Postgraduate Diploma, you will learn to analyze the current state of old age in society, as well as prepare themselves for the immediate future, since, in the coming decades, when the young people of today are elderly people, new knowledge and tools will be needed to achieve the best possible quality of life.

We are concerned to be prepared to know how we should face a future with a young population in their body and old in the mind or vice versa, as improvements in care, but at the same time the worsening in terms of stress and the way of living produce these asymmetries between mind and body, whatever the duality we have to begin to investigate and improve our capacities so that it does not surprise us.

Working on loneliness, boredom, physical pain and cognitive deficiencies is essential for psychologists to be effective in intervention in the elderly. But above all, the emotional management of each moment is perhaps the most interesting asset to ensure that the old people of tomorrow can continue to be in charge of their own lives. This course is unique for gathering the current knowledge of the Neuropsychology of the Elderly and everything we know about their changes.

This **Postgraduate Diploma in Neuropsychology of the Elderly** contains the most complete and up-to-date program on the market. The most important features include:

- Clinical cases presented by experts in the different specialties. The graphic, schematic, and practical contents of which they are composed provide scientific and practical information on the disciplines that are essential for professional practice
- Novelties on the Neuropsychology of the Elderly
- Algorithm-based interactive learning system for decision-making in the presented clinical situations
- With special emphasis on evidence-based psychology and research methodologies in Psychology
- All this will be complemented by 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 Postgraduate Diploma in Neuropsychology of the Elderly contains the most complete and up-to-date scientific program on the market"*



*This Postgraduate Diploma may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Neuropsychology of the Elderly you will obtain a Postgraduate Diploma issued by TECH Technological University"*

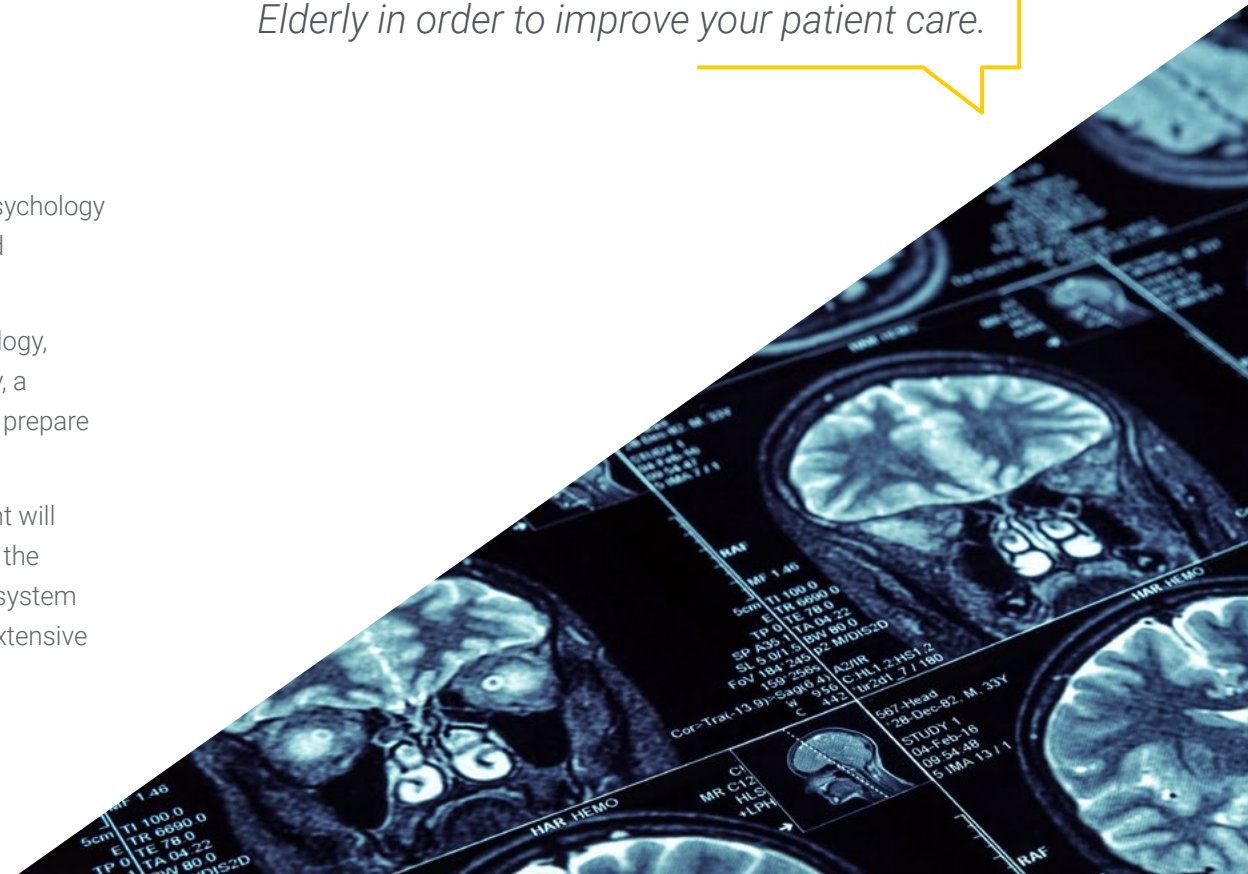
*Increase your decision-making confidence by updating your knowledge with this Postgraduate Diploma.*

*Don't miss out on the opportunity to update your knowledge in Neuropsychology of the Elderly in order to improve your patient care.*

Forming part of the teaching staff is a group of professionals in the world of Psychology who bring to this training their work experience, as well as a group of renowned specialists, recognised by esteemed scientific communities.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

This program is designed around Problem-Based Learning, whereby the student will must try to solve the different professional practice situations that arise during the course. For this reason, you will be assisted by an innovative, interactive video system created by renowned and experienced experts in the field of psychology with extensive teaching experience.





02

# Objectives

The main objective of the program is the development of theoretical and practical learning, so that the psychologist can master in a practical and rigorous way the intervention with the elderly.







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*This updating program will provide you with a sense of confidence in the practice of psychology, which will help you grow both personally and professionally”*



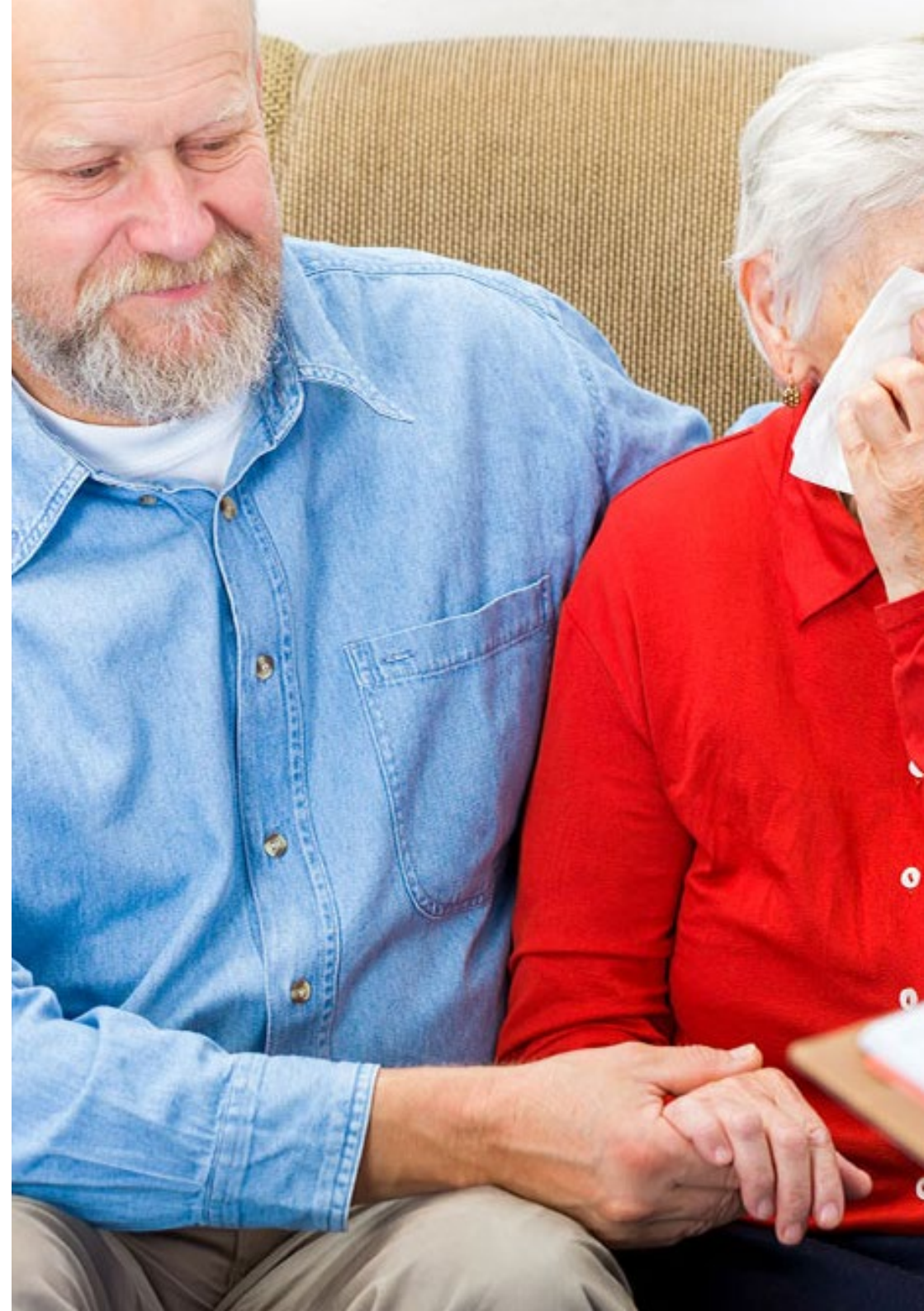
## General Objectives

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- ♦ Provide the student with knowledge of the infinite complexity of old age
- ♦ Provide skills to deal with the psychological state of the elderly
- ♦ Learn how to design multidisciplinary intervention protocols for old age
- ♦ Master evaluation, differential diagnosis and intervention in old age
- ♦ Provide the skills to support individuals in old age from the here and now
- ♦ Describe and teach the knowledge required to face illnesses related to ageing and their relationship with the life lived



*Make the most of the opportunity and take the step to get up to date on the latest developments in Neuropsychology of the Elderly"*







## Specific Objectives

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### **Module 1. Physiological and Neuropsychological Changes in the Elderly**

- ♦ Understand and know the differential aspects of mental disorders at this age
- ♦ Know the clinical and prognostic features of the various disorders of old age
- ♦ Master and manage the interferences of aging in the mental disorders to be treated
- ♦ Learn intervention tools that use the patient's senses as a setting

### **Module 2. The Individual and the Family**

- ♦ Understand and master the therapeutic situation in order to become a referent for an elderly person
- ♦ Provide skills to understand and relate to the loss of patients, and from there to accompany them in the transition

### **Module 3. Assessment of Health and Disease in Old Age**

- ♦ Assess and diagnose, taking into account the social and affective surrounding in which the elderly person finds themselves
- ♦ Train in listening and managing silence with elderly patients



03

# Course Management

This program includes highly regarded health professionals in the field of psychology in its teaching staff, who bring the experience of their work to this training.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.





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*Learn the latest advances in Neuropsychology of the Elderly from leading professionals”*

## Management



### Dr. Anasagasti, Aritz

- ♦ European specialist psychologist in Psychotherapy from the EFPA at the CEP health center in Bilbao
- ♦ President of Emotional Network
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology
- ♦ Psychogeriatrics Specialist. Creator of the home-based intervention
- ♦ Member of the Basque Association of Gestalt Therapy
- ♦ Reciprocal Interaction Psychotherapist
- ♦ Specialist in neurodegenerative diseases from the University of the Basque Country
- ♦ Responsible for the computer development of Emotional Management and Treatment in the Elderly

## Coordinator



### Mr. Aguado Romo, Roberto

- ♦ Psychologist specializing in Clinical Psychology
- ♦ European Specialist in Psychotherapy by the EFPA, President of the European Institute for Time Limited Psychotherapy
- ♦ Author with patents in psychotherapy models and techniques
- ♦ Director of the Evaluation and Psychotherapy Center of Talavera, Bilbao and Madrid
- ♦ Director of the scientific journal Psinapsis
- ♦ Master's Degree in Clinical and Health Psychology from the Spanish Society of Psychosomatic Medicine and Health Psychology
- ♦ Tutor of the Basic Psychology course at the UNED



## Professors

### Mr. Fernández Sánchez, Angel

- ♦ European specialist psychologist in Psychotherapy from the EFPA
- ♦ Health Psychologist. Master's Degree in Clinical and Health Psychology
- ♦ Director of the Evaluation and Psychotherapy Center of Madrid
- ♦ Tutor in charge of the Psychodiagnosis and Psychological Intervention area of the CEP
- ♦ Author of the TEN technique
- ♦ Head of studies on the Master's Degree in Time-Limited Psychotherapy and Health Psychology
- ♦ Specialist in Clinical Hypnosis and Relaxation

### Ms. Casado, Maria

- ♦ Health Psychologist
- ♦ Specialist in Family and Couple Intervention in the Spanish Police Confederation in Madrid
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology

### Dr. Martínez Lorca, Manuela

- ♦ Doctorate in Psychology from the University of Castilla-La Mancha
- ♦ Health Psychologist
- ♦ Lecturer in the Department of Psychology at the UCLM
- ♦ Master in Time-Limited Psychotherapy and Health Psychology by the European Institute of Time-Limited Psychotherapies
- ♦ Specialist in Clinical Hypnosis and Relaxation

### Ms. Roldan, Lucia

- ♦ Health Psychologist
- ♦ Cognitive-behavioral intervention specialist
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology. Expert in energy therapy intervention

### Ms. Soria, Carmen

- ♦ European specialist psychologist in Psychotherapy at the Spanish Police Confederation health center Madrid
- ♦ Head of Psychosocial Unit
- ♦ Health Psychologist
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology
- ♦ Specialist in chronic patients
- ♦ specialist in Clinical Hypnosis and Relaxation

### Ms. Otero, Veronica

- ♦ European specialist psychologist in Psychotherapy at the CEP health center in Bilbao
- ♦ Head of the children and youth area of intervention with PTL in the CEP of Bilbao
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology. Child and Adolescent Specialist

### Dr. Zabala-Baños, María Carmen

- ♦ PhD in Psychology, University of Castilla La Mancha
- ♦ Health Psychologist
- ♦ Master's Degree in Clinical and Health Psychology
- ♦ Master's Degree in Time-Limited Psychotherapy and Health Psychology
- ♦ Psychosocial and Work Rehabilitation Specialist
- ♦ UCLM European specialist psychologist in psychotherapy
- ♦ EFPA
- ♦ Specialist in Clinical Hypnosis and Relaxation

04

# Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in the daily praxis of the psychologist, aware of the relevance of current training to treat the patient with psychological disorders and are committed to quality teaching using new educational technologies.





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*This Postgraduate Diploma in Neuropsychology of the Elderly contains the most complete and up-to-date scientific program on the market"*



### Module 1. Physiological and Neuropsychological Changes in the Elderly

- 1.1. Changes to the Central Nervous System
  - 1.1.1. Neuropsychological and Psychopathological Alterations in Old Age
  - 1.1.2. Characteristics in the Elderly that Affect Drug Intervention
- 1.2. Psychopathology and Neuropathology in Consciousness and Perception Disorders in the Elderly
  - 1.2.1. Biopsychosocial Factors in Life Fatigue
  - 1.2.2. Stress in the Daily Life of an Elderly Person
  - 1.2.3. Attention, Learning and Memory
  - 1.2.4. Helplessness
  - 1.2.5. Isolation
  - 1.2.6. Loneliness
  - 1.2.7. Boredom
  - 1.2.8. Neglect
  - 1.2.9. Suicide in Elderly People
- 1.3. Affective Disorders in Elderly People
- 1.4. Sleep Disorders in Elderly People


### Module 2. The Individual and the Family

- 2.1. What is Family?
  - 2.1.1. Family Life Cycle
  - 2.1.2. Family Sociability
  - 2.1.3. New Intergenerational Conflicts
  - 2.1.4. Nuclear Family
  - 2.1.5. Modern Family
  - 2.1.6. Social Organization of Sexual Relationships
- 2.2. Regulatory Processes of Family Life
  - 2.2.1. Family Temperament
  - 2.2.2. Family Identity
- 2.3. The Family Development and Growth Process
  - 2.3.1. Sandwich Generation
  - 2.3.2. Tupac Amaru Syndrome
  - 2.3.3. Family Aging

- 2.4. Functional Family in Old Age
  - 2.4.1. Support of Demands and Needs
  - 2.4.2. Parentage
  - 2.4.3. Subsidiary Responsibility
- 2.5. Stability of Change and Placement of Authority
- 2.6. Aging Within the Family
  - 2.6.1. The Family and the Importance of Contributing and Being Productive
  - 2.6.2. Psychosocial Aspects of the Family
  - 2.6.3. Structure
  - 2.6.4. Mechanisms of Action
  - 2.6.5. Family as a Health and Social Network in Old Age
  - 2.6.6. Current Role of Old Age in 21st Century Families
- 2.7. The 70s Crisis
  - 2.7.1. Retirement
  - 2.7.2. Dependency
  - 2.7.3. Depression
- 2.8. The Family of Today and of the Future
- 2.9. Quality of Life, Family and Modifications that Occur in Old Age
  - 2.9.1. Society and Aging
  - 2.9.2. How Does Our Body Transform with Old Age?
  - 2.9.3. Psychology and Old Age. Metapsychology
- 2.10. Aging with Satisfaction
- 2.11. Fulfilling Basic Needs in Old Age

**Module 3. Assessment of Health and Disease in Old Age**

- 3.1. Physical and Mental Health Aging
- 3.2. Physical Evaluation
  - 3.2.1. Medical History
  - 3.2.2. General Physical Examination
  - 3.2.3. Analysis
  - 3.2.4. Neurological Examination
  - 3.2.5. Other Explorations
- 3.3. Psychic Assessment
  - 3.3.1. Medical History
  - 3.3.2. Life History
  - 3.3.3. Cognitive Assessment
  - 3.3.4. Assessment of Memory and Attention
  - 3.3.5. Behavioral Assessment
  - 3.3.6. Evaluation of the Most Common Psychological Disorders in Old Age
- 3.4. Social Assessment
  - 3.4.1. Social Network Shared
  - 3.4.2. Belonging to a Group
  - 3.4.3. How Many Friends Do They Have at This Moment?
  - 3.4.4. How Many Friends Did They Previously Have?
  - 3.4.5. Economic Capacity
  - 3.4.6. Recent and Previous Relationships
  - 3.4.7. Social Implication
- 3.5. Physical Aging
- 3.6. Physical Activity
  - 3.6.1. Autonomy of Movement
  - 3.6.2. Capacity to Travel or Move Around
  - 3.6.3. Motor Coordination
  - 3.6.4. Level of Tiredness and Fatigue
  - 3.6.5. Daily Life Activities
- 3.7. Mental Activity
  - 3.7.1. Ability to Read
  - 3.7.2. Ability to Have a Discussion
  - 3.7.3. Flexibility/Rigidity in Reasoning
  - 3.7.4. Creativity in Old Age
- 3.8. Problem Solving Activities
  - 3.8.1. Ability to Maintain a Conversation
  - 3.8.2. Break Out of the Monologue
  - 3.8.3. Empathize
  - 3.8.4. Conflict Resolution
  - 3.8.5. Allow Win-Win Relationships

 *A unique, key, and decisive educational 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.

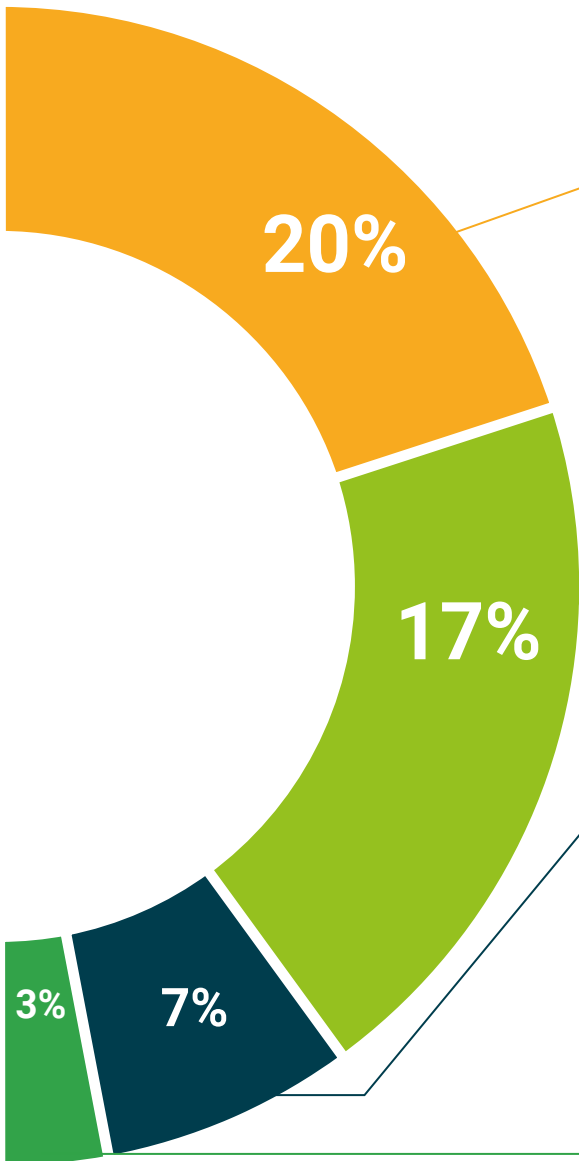
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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 Diploma in Neuropsychology of the Elderly guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



The image features two graduation caps (mortarboards) against a blue sky with light clouds. One cap is in the foreground, tilted upwards, and another is behind it, also tilted upwards. The caps are black with a maroon top. The background is a bright blue sky with soft, white clouds. The image is partially overlaid by a large, diagonal white shape that extends from the bottom left towards the top right, and a magenta shape that covers the top right corner.

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

This **Postgraduate Diploma in Neuropsychology of the Elderly** 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 Neuropsychology of the Elderly**

**Official N° of Hours: 475 h.**



\*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.



future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

**Postgraduate Diploma**  
**Neuropsychology**  
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# Postgraduate Diploma

## Neuropsychology of the Elderly