

Postgraduate Certificate Psychology of Memory





Postgraduate Certificate Psychology of Memory

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/us/psychology/postgraduate-certificate/psychology-memory

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01

Introduction

The Psychology of Memory has gained renewed interest in recent years, especially with the advancement of Neuroscience and brain imaging technologies. Recently, studies have shown that emotional experiences have a significant impact on the consolidation of memories, suggesting that the most vivid memories are often associated with intense emotions. As such, TECH has designed this comprehensive program, so that professionals can be up to date on the latest advances related to the mechanisms underlying memory, as well as the different types and models of attention. In addition, this syllabus is supported by a completely online methodology and innovative teaching approaches, such as Relearning.



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With this 100% online program, you will acquire in-depth knowledge about the processes underlying memory, which is essential for areas such as Neuropsychology, Education and Cognitive Therapy”

In the field of the Psychology of Memory, innovative approaches are being developed, such as the application of Neuroscience in the study of memory, which explore how personal and emotional experiences can influence the consolidation of memories. In addition, the rise of Artificial Intelligence and adaptive learning tools have opened up new possibilities for improving memory techniques and learning.

This is how this program was developed, which will analyze the different types of memory, such as short-term memory, working memory and long-term memory, highlighting their unique functions and characteristics. In addition, the neurobiological bases underlying memory processes will be explored in depth, allowing psychologists to be up to date on how brain structures and neuronal connections influence the retention and retrieval of information.

The causes and origins of memory problems, such as the various forms of Amnesia (Anterograde, Retrograde and Psychogenic) will be investigated. The components of working memory, including the phonological loop, the visuospatial sketchpad, and the central executive, will also be examined in detail to understand how they interact in the management of everyday information.

Finally, the focus will be on memory distortion and its implications for cognition, analyzing how memories can be modified or deteriorate over time. In turn, the implementation of strategies and programs aimed at improving memory and cognitive skills will be addressed, allowing professionals to apply this knowledge in clinical, educational and research settings.

In order to address all these topics, TECH offers a Virtual Campus that includes various multimedia resources, such as explanatory videos and interactive summaries. In addition, the teaching materials will be available 24 hours a day, from any location and without restrictions, allowing graduates to balance their work with their education, using exclusive didactic methods, such as Relearning.

This **Postgraduate Certificate in Psychology of Memory** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in Psychology, Social Work, Care for People with Functional Diversity, etc
- ♦ The graphic, schematic and eminently practical contents with which it is conceived gather scientific and practical information on those disciplines that are indispensable 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



You will be able to identify and analyze different types of memory, as well as to understand the causes of problems related to Amnesias, thanks to an extensive library of innovative multimedia resources”

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The processes of memory encoding, storage and retrieval will be a central focus, offering a comprehensive overview of how memories are formed and retrieved. With all the TECH quality guarantees!"

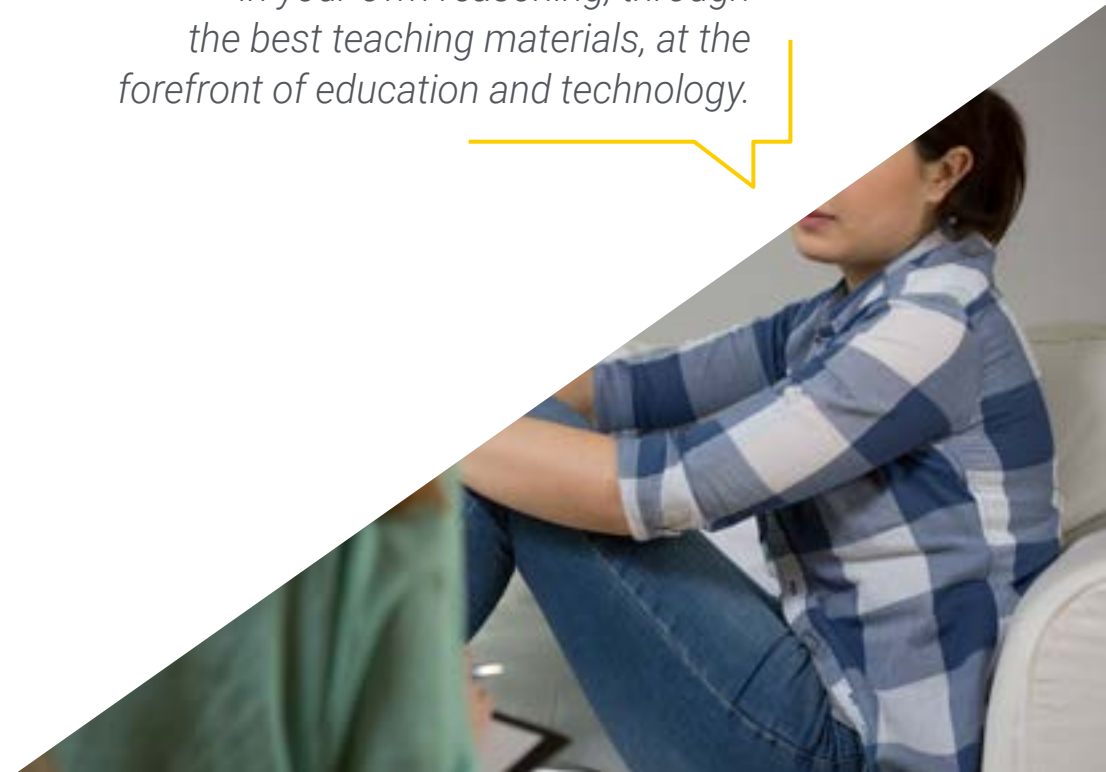
The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

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

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will delve into the different types of memory, including short- and long-term memory, as well as working memory, analyzing its functioning and specific characteristics. What are you waiting for to enroll?

You will investigate the distortion of memory and its implications in cognition, addressing possible biases in your own reasoning, through the best teaching materials, at the forefront of education and technology.



02

Objectives

Throughout the program, psychologists will analyze the different types of memory, such as episodic, semantic and working memory, examining the neurobiological foundations that support them. They will also develop skills to identify memory problems, such as the various forms of Amnesia, as well as the processes of encoding, storage and retrieval of information. Likewise, the application of strategies and techniques to improve memory and critical thinking to face professional and academic challenges will be emphasized.



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The main objective of the program will be to provide graduates with a comprehensive understanding of how human memory works, its importance in cognitive processes and its impact on daily life”



General Objectives

- ♦ Understand the concept of memory and its relevance in psychology
- ♦ Analyze the different types of memory and how they function
- ♦ Explore the neurobiological bases that support memory processes
- ♦ Enhance the application of strategies to improve memory and critical thinking



Bet on TECH! You will be able to apply strategies and techniques to improve retention and critical thinking, skills that can improve academic performance, job performance and quality of life”





Specific Objectives

- Define the different types of memory and their specific characteristics
- Investigate the causes and origins of memory problems, including various forms of Amnesia
- Examine the components of working memory and their interactions
- Analyze the processes of encoding, storage and retrieval of memory
- Study memory distortion and its implications for cognition
- Implement memory and thinking skills enhancement programs

03

Structure and Content

The educational program will include the study of the different types of memory, such as sensory, short-term and long-term memory, as well as working memory. It will also delve into the neurobiological foundations that support these processes, addressing how the brain encodes, stores and retrieves information. In addition, we will analyze memory alterations and disorders, such as Amnesias and Cognitive Distortions, and their impact on daily life. At the same time, strategies and programs to improve retention and critical thinking, applying innovative methodologies that help in educational and clinical settings, will be studied in depth.





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The contents of this program in Psychology of Memory will cover a broad spectrum of topics fundamental to understanding human memory processes”

Module 1. Psychology of Memory

- 1.1. Meaning of Memory and its Types
 - 1.1.1. Objectives
 - 1.1.2. Introduction
 - 1.1.3. Introduction to the Concept of Memory
 - 1.1.4. Neurobiological Principles and Foundations of Memory
- 1.2. Short-Term Memory. Neuropsychology of Working Memory
 - 1.2.1. Objectives
 - 1.2.2. Introduction
 - 1.2.3. Origins and Causes of Memory Problems
 - 1.2.4. Anterograde Amnesia
 - 1.2.5. Retrograde Amnesia
 - 1.2.6. Source Amnesia
 - 1.2.7. Psychogenic Amnesia
 - 1.2.8. Infantile Amnesia: Possible Causes
- 1.3. Neuropsychology of Working Memory
 - 1.3.1. Objectives
 - 1.3.2. Introduction
 - 1.3.3. From Short-Term Memory to Working Memory
 - 1.3.4. The Phonological Loop
 - 1.3.5. The Visuospatial Sketchpad
 - 1.3.6. The Central Executive as a Distributor of Resources
 - 1.3.7. Convergence of Information in the System: The Episodic Buffer
- 1.4. Skills and Strategies for Learning to Think
 - 1.4.1. Objectives
 - 1.4.2. Introduction
 - 1.4.3. "Learning to Think" Program
 - 1.4.4. Instrumental Enrichment Program (IEP)
 - 1.4.5. Harvard Intelligence Program (HIP)
 - 1.4.6. Technology or ICT-based Programs
 - 1.4.7. Strategies for Cooperative Work



- 1.5. Neuropsychological Foundations of Human Memory. Episodic, Semantic and Autobiographical Memory
 - 1.5.1. Objectives
 - 1.5.2. Introduction
 - 1.5.3. Memory Systems Identified in Humans
 - 1.5.4. Declarative vs. Non-declarative Memory
 - 1.5.5. Procedural Memory
 - 1.5.6. Semantic Memory
 - 1.5.7. Episodic and Autobiographical Memory
- 1.6. Basic Processes of Memory. Processing and Recovery Levels
 - 1.6.1. Objectives
 - 1.6.2. Introduction
 - 1.6.3. Encoding Processes
 - 1.6.4. Storage Processes
 - 1.6.5. Recovery Processes
 - 1.6.6. Levels of Processing
 - 1.6.7. Forgetfulness
- 1.7. Amnesias
 - 1.7.1. Objectives
 - 1.7.2. Introduction
 - 1.7.3. Classification
 - 1.7.4. Main Amnesic Syndromes
 - 1.7.5. Other Disorders with Amnesic Syndromes
 - 1.7.6. Psychogenic Amnesia and the Amnesic Syndrome
- 1.8. Distortions and Alterations
 - 1.8.1. Cognitive Distortions
 - 1.8.2. Memory Distortions
 - 1.8.3. Alterations
- 1.9. Intervention in Memory, Thinking Skills and Strategies
 - 1.9.1 Improvement Programs
 - 1.9.2. Programs for the Acquisition of Thinking Skills
 - 1.9.3. Technology Programs
 - 1.9.4. The Guidance Department
- 1.10. Family Guidance
 - 1.10.1. Encouraging Brain Development
 - 1.10.2. Early Resource Utilization
 - 1.10.3. Guidance for Study and Memory Techniques to Improve Memorization. General Guidelines
- 1.11. Relationships of Attention and Memory with Other Psychological Processes
 - 1.11.1. Attention as the Basis of Other Basic Processes
 - 1.11.2. Memory as the Basis of Other Basic Cognitive Processes
 - 1.11.3. Relations of Attention with Other Higher Psychological Processes
 - 1.11.4. Relations of Memory with Other Higher Psychological Processes and Other Basic Cognitive Processes



You will be supported by scientific approaches and innovative methodologies, such as Relearning, which will provide you with flexible and up-to-date learning, hand in hand with the world's best online university, according to Forbes: TECH”

04

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist. The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

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TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
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.

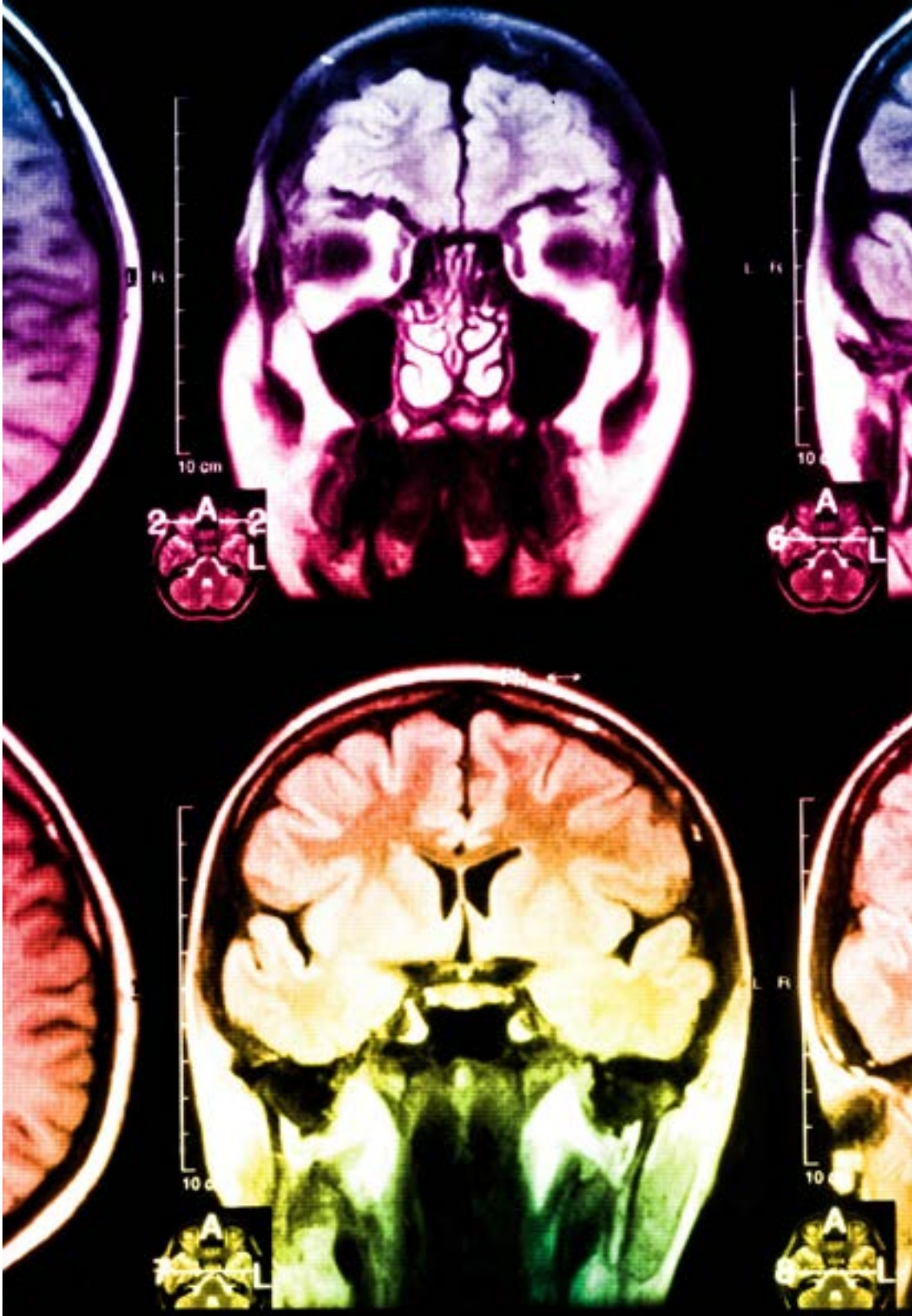
The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

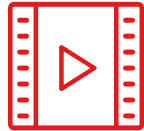
The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

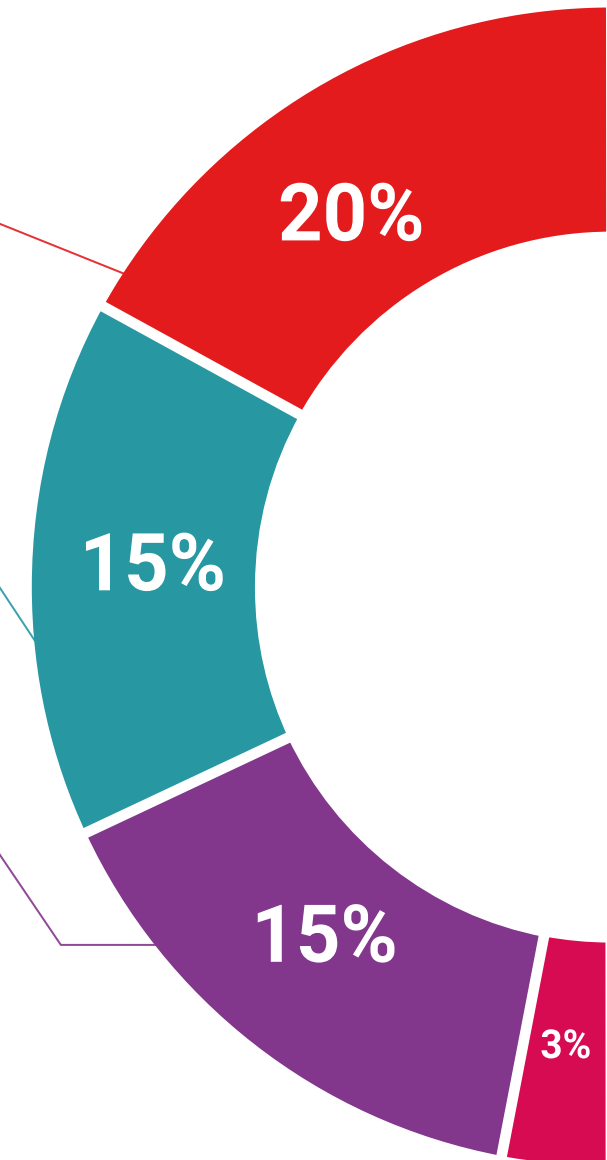
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

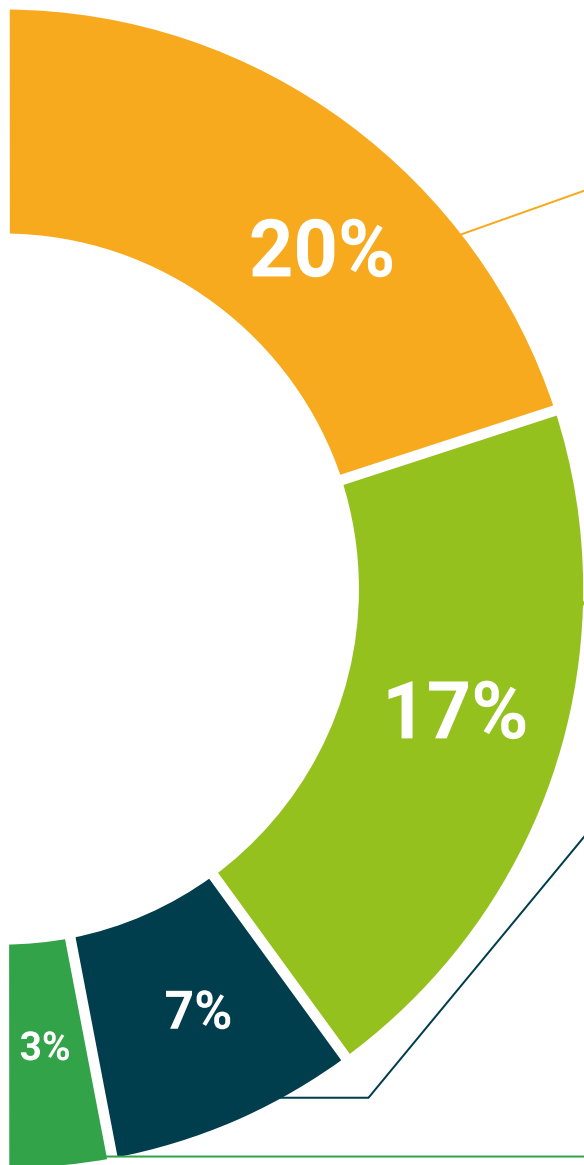
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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.



05

Certificate

The Postgraduate Certificate in Psychology of Memory guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.





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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 Certificate in Psychology of Memory** 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 Certificate in Psychology of Memory**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.



Postgraduate Certificate Psychology of Memory

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