



## Postgraduate Certificate

Clinical Linguistics: Applications in Language Disorders

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Accreditation: 6 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/clinical-linguistics-applications-language-disorders

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## tech 06 | Introduction to the Program

With an interdisciplinary approach, Clinical Linguistics draws on language theory to identify patterns in speech production and comprehension, which is essential for the accurate diagnosis of disorders such as Dislexia, Aphasia, Autism Spectrum Disorders (ASD), and Language Disorders, from childhood to adulthood.

This is how this program was developed, which will provide a deeper understanding of the foundations of human language, addressing its different levels (phonology, syntax, semantics, pragmatics) and how these can be altered in clinical conditions. In addition, emphasis will be placed on how language disorders affect patients' ability to communicate and how accurate linguistic assessment is crucial for early diagnosis and appropriate intervention.

Physicians will also be able to apply advanced linguistic models to analyze language disorders in various contexts. This will include the study of disorders such as aphasia, dyslexia, language development delay, and Specific Language Impairment (SLI), among others. Theoretical and practical approaches will also be used to understand how patients experience difficulties in language production and comprehension, identifying the most relevant areas for intervention.

Finally, knowledge will be provided on how linguistic models can be applied in the design of intervention and rehabilitation programs. In this sense, experts will be able to adapt these models to the specific needs of each patient, taking into account their cultural, social, and linguistic context.

In this way, TECH has created a comprehensive, completely online program, whose materials and resources, of the highest academic quality, will be available for access from any electronic device with an Internet connection. This will eliminate inconveniences such as the need to travel to a physical center or adhere to a fixed schedule. In addition, it will use the revolutionary Relearning methodology, based on the constant repetition of key concepts for optimal and natural understanding of the content.

This **Postgraduate Certificate in Clinical Linguistics: Applications in Language Disorders** contains the most complete and up-to-date scientific program on the market. The most important features include:

- Practical cases presented by experts in medicine.
- 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 the self-assessment process can be carried out to improve learning
- Special emphasis on innovative methodologies in Clinical Linguistics: Applications in Language Disorders
- 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 work more effectively in interdisciplinary teams, contributing to more comprehensive and personalized care that directly impacts your patients' quality of life"

## Introduction to the Program | 07 tech

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This program provides you with multiple practical resources so that you can strengthen and reinforce your theoretical learning"

Its teaching staff includes professionals from the field of medicine, who bring to this program the experience of their work, 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 an immersive educational experience designed to prepare students for real-life situations.

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

TECH has designed an innovative teaching methodology that meets the demands of today's education.

A 100% online university program that offers you the freedom to study when and where you want.







## tech 10 | Why Study at TECH?

#### The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

#### The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

#### The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabus





World's
No.1
The World's largest
online university

### The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

#### A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

#### The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

#### **Leaders in employability**

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.









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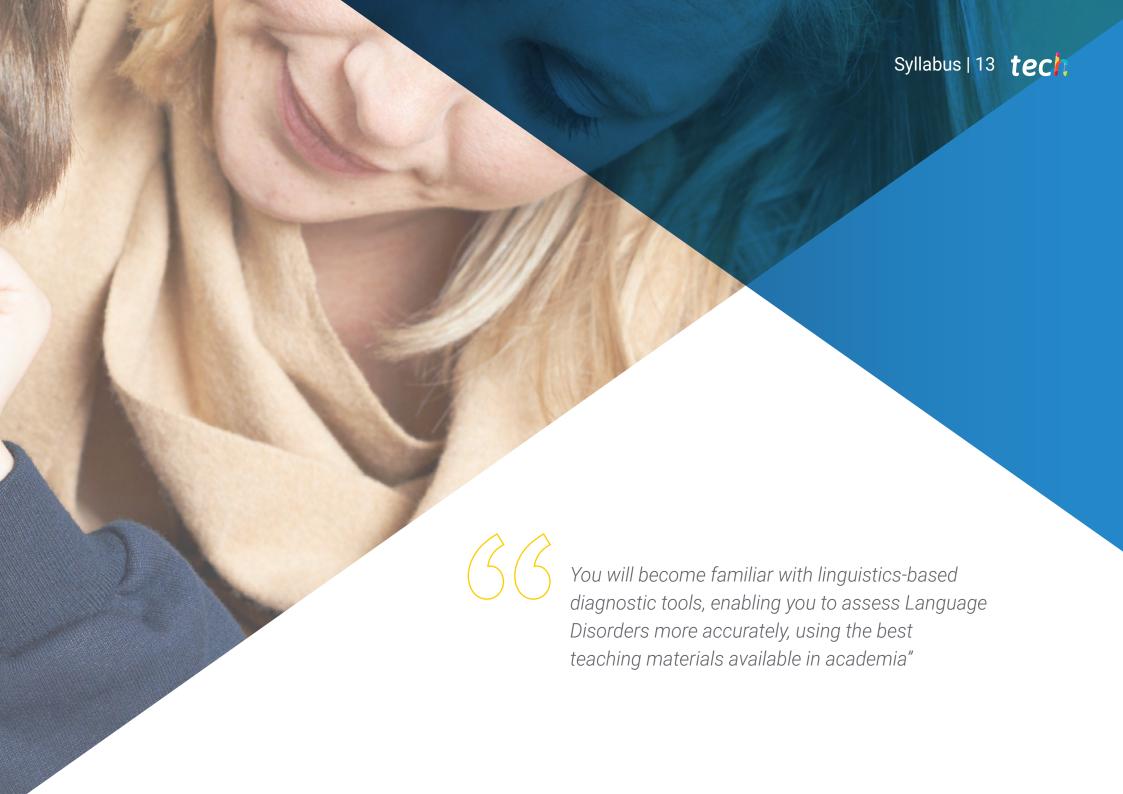
#### **Google Premier Partner**

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.

#### The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.

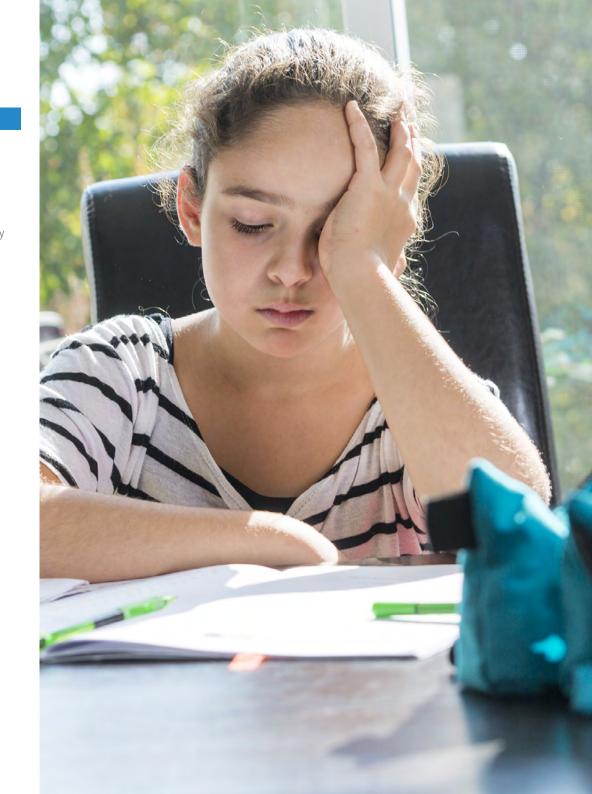




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## Module 1. Linguistics Applied to Language Disorders

- 1.1. The Importance of Linguistics in the Clinical Field
  - 1.1.1. Introduction to Applied Linguistics
  - 1.1.2. The Relevance of Applied Linguistics in Language Disorders: Justification and Approach
  - 1.1.3. Clinical Linguistics: Definition and Scope of Application
    - 1.1.3.1. Clinical Linguistics and Its Relationship with Psychology and Neurology
    - 1.1.3.2. Linguistic Tools in the Assessment of Language Disorders
    - 1.1.3.3. The Role of the Clinical Linguist in Language Treatment
- 1.2. Language as an Innate Ability
  - 1.2.1. Language as an Innate Human Ability
  - 1.2.2. Language Acquisition: Differences between Learning and Development
    - 1.2.2.1. Chomsky's Nativist Theory: Implications for Language Acquisition
    - 1.2.2.2. Cognitive and Environmental Factors in Language Learning
  - 1.2.3. Early Language Stimulation: A Key Element in Language Development
    - 1.2.3.1. Early Communicative Interaction and Language
    - 1.2.3.2. Nature vs. Nurture
  - 1.2.4. Innate Ability and the Critical Period
    - 1.2.4.1. The Critical Period Hypothesis Empirical Evidence and Controversies
    - 1.2.4.2. Impact of Early Interventions on Language Development
- 1.3. Linguistic Description of Language Processing
  - 1.3.1. Introduction to Language Processing
  - 1.3.2. Linguistic Processing: Definition and Cognitive Mechanisms
    - 1.3.2.1. Cognitive Models of Language Processing
    - 1.3.2.2. Differences between Auditory and Visual Language Processing
  - 1.3.3. Linguistic Comprehension and Production
    - 1.3.3.1. Oral Comprehension
    - 1.3.3.2. Oral Production
    - 1.3.3.3. Role of Working Memory in Language Comprehension
    - 1.3.3.4. Linguistic Production: A Study of the Cognitive Processes Involved



#### 1.4. Phonology

- 1.4.1. Concept of Phonology
  - 1.4.1.2. Phoneme
  - 1.4.1.3. Phonological System
  - 1.4.1.4. Phonological Inventory
- 1.4.2. The Sound Component of Language: Processing and Production
  - 1.4.2.1. Sound Articulation: Fundamentals and Cognitive Mechanisms
  - 1.4.2.2. Perception of the Sound Component: Factors Involved
- 1.4.3. Phonetic and Phonological Skills: Production
  - 1.4.3.1. Phonological Production: Clinical Implications
  - 1.4.3.2. Disorders in Phonetic Production: Causes and Diagnosis
- 1.4.4. Phonetic and Phonological Skills: Perception
  - 1.4.4.1. Assessment of Perception Phonology

#### 1.5. Morphosyntax

- 1.5.1. Concept of Morphosyntax
  - 1.5.1.1. Morphology of Words
  - 1.5.1.2. Syntax
  - 1.5.1.3. Relationship between Morphology and Syntax
- 1.5.2. Definition and Processing of the Morphosyntactic Component of Language
  - 1.5.2.1. Theories of Syntactic Structure
  - 1.5.2.2. Morphology Processing
- 1.5.3. Morphological Skills and Their Impairment
  - 1.5.3.1. Morphological Disorders
  - 1.5.3.2. Diagnosis of Morphological Impairments
- 1.5.4. Syntactic Skills and Their Impairment
  - 1.5.4.1. Syntactic Disorders: Assessment and Treatment
  - 1.5.4.2. Clinical Implications of Syntax Impairment

#### 1.6. The Lexical-Semantic Level

- 1.6.1. The Lexical-Semantic Component of Language: Definition and Processing
  - 1.6.1.1. Semantics: Structures and Principles
  - 1.6.1.2. Lexicon: Representation and Access
- 1.6.2. The Importance of Vocabulary: Its Relevance in Language Development
  - 1.6.2.1. Vocabulary in Children and Adults: Differences in Processing
  - 1.6.2.2. Factors that Affect Vocabulary
- 1.6.3. The Use of Lexicon
  - 1.6.3.1. Synonymy
  - 1.6.3.2. Antonymy
  - 1.6.3.3. Hypernymy
- 1.6.4. Organization of the Semantic System
  - 1.6.4.1. Implications for Linguistic Comprehension and Production
  - 1.6.4.2. Semantic Hierarchies and Relationships
- 1.7. The Pragmatic Level and Its Impairments
  - 1.7.1. The Pragmatics of Language and Social Context
    - 1.7.1.1. The Role of Context in the Interpretation of Meaning
    - 1.7.1.2. Communicative Functions
  - 1.7.2. Narrative Skills and Their Impairment
    - 1.7.2.1. The Production of Narrative Discourse: Assessment and Impairments
    - 1.7.2.2. Disorders in the Narrative: Causes and Clinical Consequences
  - 1.7.3. Conversational Skills and Their Impairment
    - 1.7.3.1. The Role of Pragmatics in Conversation
    - 1.7.3.2. Disorders in Conversational Interaction: Assessment and Treatment
  - 1.7.4. Impairments in Pragmatic Skills: Clinical Implications
    - 1.7.4.1. Pragmatic Disorders: Causes and Diagnosis
    - 1.7.4.2. Treatment of Disorders in the Social Use of Language

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<ol> <li>Phonetic-Phonological Component Disorders</li> </ol>	1.8.	Phonetic-Phone	ological Com	ponent Disorders
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- 1.8.1. Causes of Phonological Disorders
  - 1.8.1.1. Acquired
  - 1.8.1.2. Congenital
- 1.8.2. Phonological Production Disorders
  - 1.8.2.1. Articulation Disorders: Diagnosis and Treatment
  - 1.8.2.2. Phonological Disorders: Articulation Disorders:
- 1.8.3. Impairments in Phonological Perception
  - 1.8.3.1. Difficulties in Phonological Perception: Cognitive Consequences
  - 1.8.3.2. Methods for Assessing Sound Perception
- 1.8.4. Clinical Examples of Phonetic and Phonological Impairments
  - 1.8.4.1. Cases of Sound Production Disorders
  - 1.8.4.2. Cases of Sound Perception Disorders
- 1.9. Impairments of the Morphosyntactic Component
  - 1.9.1. Implications of Impairments of the Morphosyntactic Component of Language
    - 1.9.1.1. Characteristics of Language Development Disorders
    - 1.9.1.2. Characteristics of Acquired Language Disorders
  - 1.9.2. Morphosyntactic Production and Comprehension Disorders in Children
    - 1.9.2.1. Language Acquisition Impairments: Morphosyntactic Implications
    - 1.9.2.2. Developmental Disorders in Children with Language Delay
  - 1.9.3. Acquired Disorders Due to Neurological Injury: Impairments in Morphosyntactic Production and Comprehension
    - 1.9.3.1. Aphasia and Morphosyntactic Disorders: Assessment and Treatment
    - 1.9.3.2. Consequences of Neurological Lesions on Syntactic Structure
  - 1.9.4. Examples of Morphosyntactic Impairments
    - 1.9.4.1. Cases of Syntactic Aphasia
    - 1.9.4.2. Cases of Language Disorders in Children





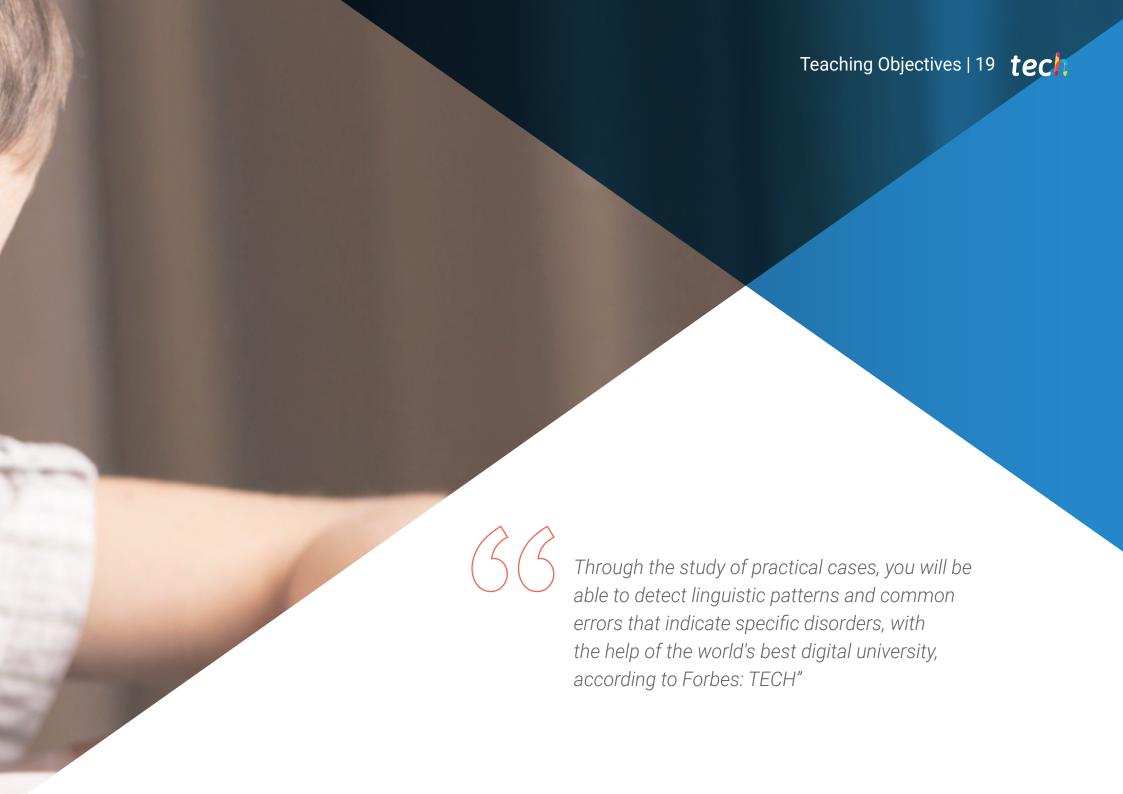
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- 1.10. Impairments in the Pragmatic Component
  - 1.10.1. Pragmatic Impairments and Their Implications for Human Communication1.10.1.1. Definition and Characteristics of Pragmatic Impairments1.10.1.2. The Importance of Pragmatics in Social Interaction
  - 1.10.2. Main Impairments in Language Pragmatics
    - 1.10.2.1. Pragmatic Impairments in Children: Early Detection
    - 1.10.2.2. Pragmatic Impairments in Developmental Disorders
    - 1.10.2.3. Pragmatic Impairments in Neurological Disorders
  - 1.10.3. Assessment of Pragmatic Skills in Different Contexts
    - 1.10.3.1. Pragmatic Assessment Tools and Techniques
    - 1.10.3.2. Contextualized Assessment: Natural and Simulated Settings
  - 1.10.4. Intervention Strategies for Pragmatic Impairments
    - 1.10.4.1. Therapeutic Approaches Based on Real-Life Contexts
    - 1.10.4.2. Group Therapy for the Development of Pragmatic Skills
    - 1.10.4.3. Use of Technological Resources in Pragmatic Intervention



You will identify and recognize different Language Disorders, such as Aphasia, Dyslexia, and other Speech Disorders, based on their linguistic manifestations. With all the TECH quality guarantees!"





## tech 20 | Teaching Objectives



## **General Objective**

• Integrate knowledge of linguistics into the analysis of language and its disorders



You will integrate linguistic knowledge into your daily clinical practice, working collaboratively with other health professionals, such as speech therapists and psychologists, to design personalized treatment plans"





## Teaching Objectives | 21 tech



## **Specific Objectives**

- Understand and identify language disorders from a linguistic perspective
- Apply linguistic models to analyze language disorders in different contexts



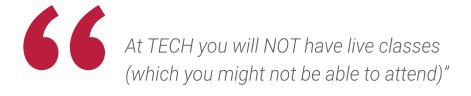


## The student: the priority of all TECH programs

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.









## 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.



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"

## tech 26 | Study Methodology

### 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.

## Study Methodology | 29 tech

## 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 teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, 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.

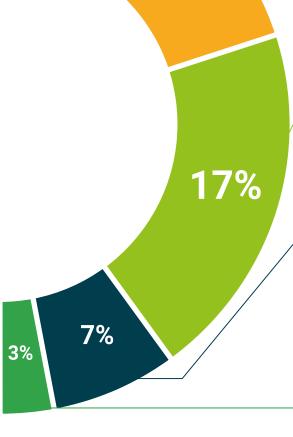


Learning from an expert strengthens knowledge and memory, and generates confidence for future difficult decisions.

**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.







## tech 34 | Certificate

This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Clinical Linguistics: Applications in Language Disorders** 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 Clinical Linguistics: Applications in Language Disorders

Modality: **online** 

Duration: 6 weeks

Accreditation: 6 ECTS



has successfully passed and obtained the title of:

#### Postgraduate Certificate in Clinical Linguistics: Applications in Language Disorders

. with identification document

This is a private qualification of 180 hours of duration equivalent to 6 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



health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning



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