



# Postgraduate Diploma Dyslexia and SLI

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/education/postgraduate-diploma/postgraduate-diploma-dyslexia-sli

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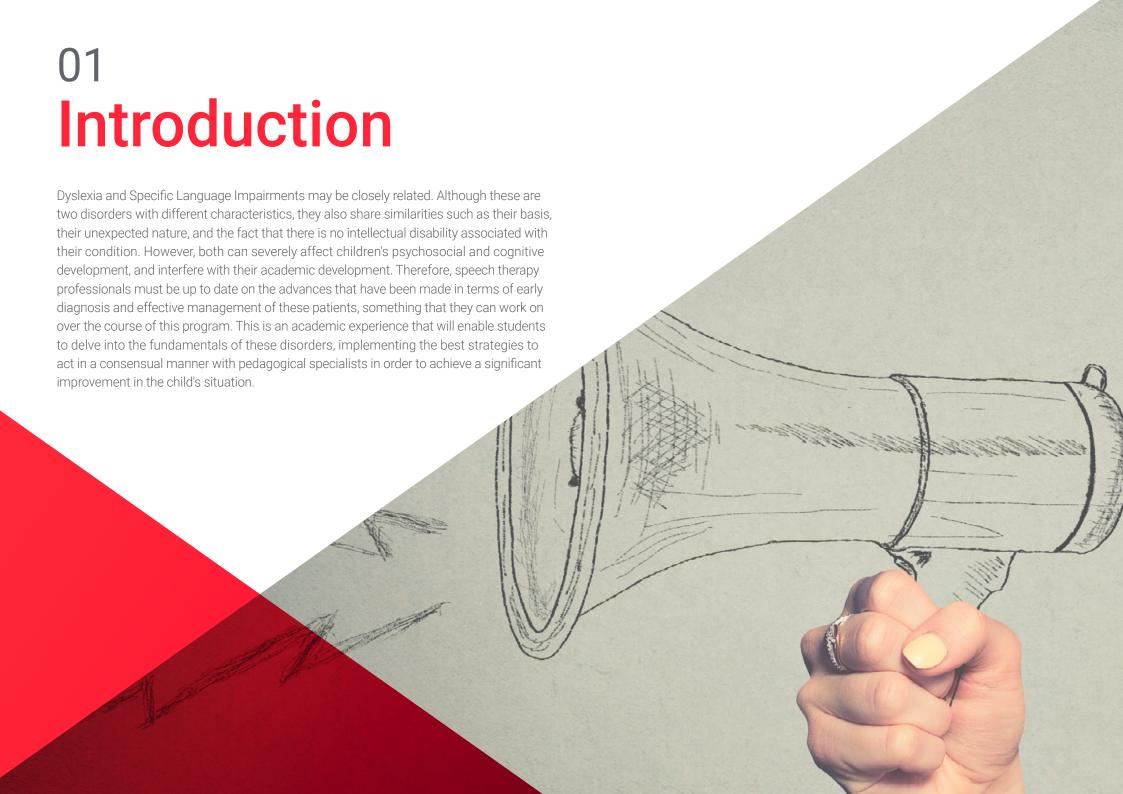
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## tech 06 | Introduction

Although many professionals, especially in the educational field, consider that suffering from Dyslexia implies that the child also has some type of SLI, this is erroneous. What is certain is that both conditions can be closely related and coexist in the same patient, aggravating their proper psychosocial and cognitive-behavioral development. Despite their similarities, they are disorders that require a specialized therapeutic approach, something that Speech Therapy, Education and Pedagogy professionals should place special emphasis on.

And for this they can count on this very complete and comprehensive E-Program in Dyslexia and SLI, a multidisciplinary and highly enabling academic experience that will allow you to immerse yourself in language fundamentals and its latest advances, focusing on the multiple areas of intervention in which it is possible to work. It will also delve into the diagnostic developments of Dyslexia, as well as those related to its evaluation and therapeutic treatment. Finally, you will work with the latest information related to the different types of Specific Language Impairments, their characteristics and the most effective strategies to avoid sequelae in child development.

All this 100% online and through 450 hours of theoretical, practical and additional material, which will be available in its entirety from the beginning of the academic program. This extra content includes detailed videos, research articles, complementary readings, news, self-knowledge exercises, dynamic summaries and much more, so that students can contextualize the information in the syllabus and delve in a personalized way into the sections they consider most important and relevant for their professional performance in the current context.

This **Postgraduate Diploma in Dyslexia and SLI** contains the most complete and up-todate educational program on the market. The most important features include:

- Case studies presented by experts in Pedagogy and Education
- The graphic, schematic and practical contents of the program provide technical and practical information on those disciplines that are essential for professional practice
- The practical exercises where the self-evaluation process can be carried out 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



Would you like to be able to approach SLI from its basis to its specific treatment? Choose, then, this Postgraduate Diploma and you will be able to do it thanks to the best syllabus and the exhaustive study of its developments"



You will work on dyslexia assessment, diagnosis and intervention strategies, so you can implement them in your practice and collaborate with pedagogues and teachers"

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 allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

The design of this program focuses on Problem-Based Learning, in which the professional will have to try to solve the different professional practice situations that will arise throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

You will be able to access the Virtual Campus at any time and from any device with internet connection, whether it is a PC, tablet or cell phone.

A program that will allow you to get up to date on the main SLIs and their specific therapeutic treatment.







## tech 10 | Objectives

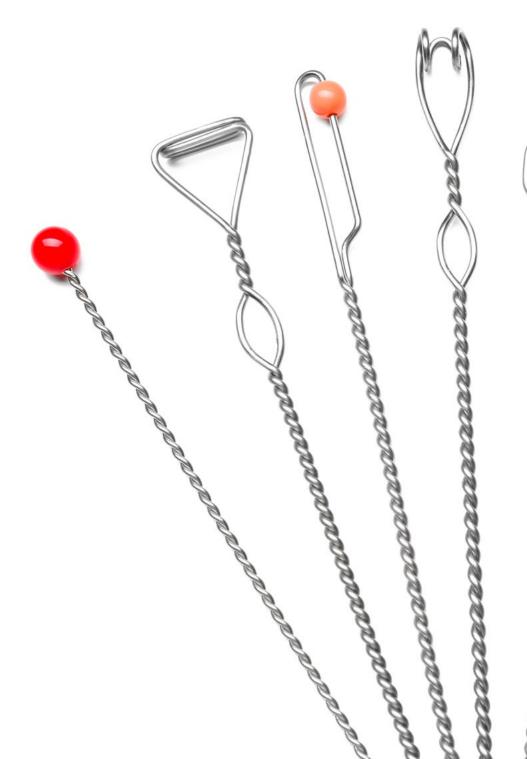


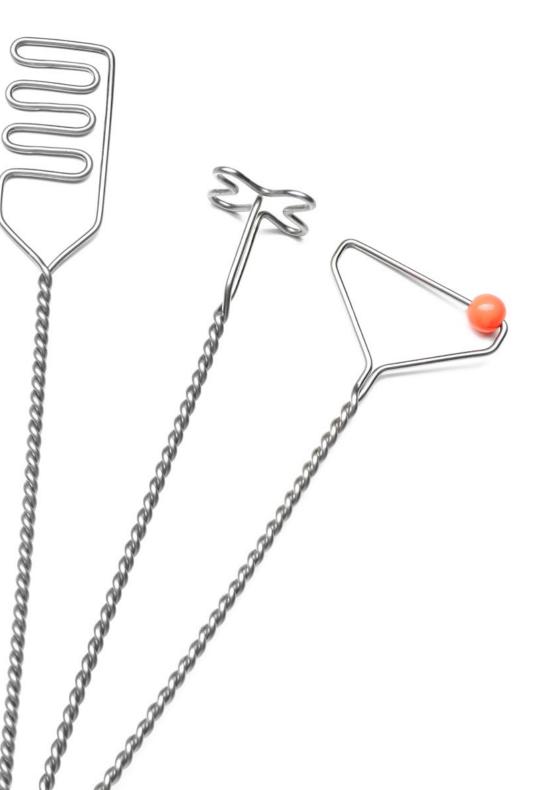
### **General Objectives**

- Provide students with the best theoretical and practical material to address cases
  of Dyslexia and SLI from their basis to their therapeutic treatment in a specialized
  and effective manner
- Develop specialized knowledge of the main therapeutic techniques and strategies that exist today to work with these children and achieve significant progress in their psychosocial development



The program includes conclusions for each section, so that you are always clear about the most important points and then you can personally delve into the aspects you think are most important"







#### **Specific Objectives**

#### Module 1. Basis of Speech and Language Therapy

- Delve into the concept of Speech Therapy and in the areas of action of this field's professionals
- Acquire knowledge about the concept of Language and the different aspects that compose it
- Delve into the typical development of Language, knowing its stages as well as being able to identify the warning signs in such development
- Understand and be able to classify the different Language pathologies, from the different approaches currently existing
- Know the different batteries and tests available in the discipline of Speech Therapy, to be able to carry out a correct evaluation of the different areas of Language
- Be able to develop a Speech Therapy report in a clear and precise way, both for the families and for the different professionals
- Understand the importance and effectiveness of working with an interdisciplinary team, whenever necessary and favorable for the child's rehabilitation

#### Module 2. Dyslexia: Assessment, Diagnosis, and Intervention

- Know everything involved in the evaluation process, in order to be able to carry out the most effective Speech Therapy intervention possible
- Learn about the reading process from vowels and syllables to paragraphs and complex texts
- Analyze and develop techniques for a correct reading process
- Be aware and be able to involve the family in the child's intervention, so that they are a part of the process and that this collaboration is as effective as possible

#### Module 3. Specific Language Disorder

- Acquire sufficient knowledge to be able to assess a Verbal Fluency Disorder
- Identify the main language disorders and their therapeutic treatment
- Know the need for an Intervention supported and supported by both the family and the team of teachers at the child's School





#### **International Guest Director**

Dr. Elizabeth Anne Rosenzweig is an internationally renowned specialist dedicated to the care of children with hearing loss. As a Speech Language Expert and Certified Therapist, she has pioneered several telepractice-based early assistance strategies of broad benefit to patients and their families.

Dr. Rosenzweig's research interests have also focused on trauma support, culturally sensitive auditory-verbal practice and personal coaching. Her active scholarly work in these areas has earned her numerous awards, including Columbia University's Diversity Research Award.

Thanks to her advanced skills, she has taken on professional challenges such as the leadership of the Edward D. Mysak Communication Disorders Clinic at Columbia University. She is also known for her academic career, having served as a professor at Columbia's Teachers College and as a collaborator with the General Institute of Health Professions. On the other hand, she is an official reviewer of publications with a high impact in the scientific community such as The Journal of Early Hearing Detection and Intervention and The Journal of Deaf Studies and Deaf Education.

In addition, Dr. Rosenzweig manages and directs the AuditoryVerbalTherapy.net project, from where she offers remote therapy services to patients located in different parts of the world. She is also a speech and audiology consultant for other specialized centers located in different parts of the world. She has also focused on developing non-profit work and participating in the Listening Without Limits Project for children and professionals in Latin America. At the same time, the Alexander Graham Bell Association for the Deaf and Hard of Hearing relies on her as its vice-president.



## Dra. Rosenzweig, Elizabeth Anne

- Director of the Communication Disorders Clinic at Columbia University, New York, United States
- Professor, General Hospital Institute of Health Professions, New York, United States
- Director of Private Practice AuditoryVerbalTherapy.net
- Department Head, Yeshiva University
- Attending Specialist at Teachers College, Columbia University
- Reviewer for The Journal of Deaf Studies and Deaf Education and The Journal of Early
- Hearing Detection and Intervention
- Vice-President, Alexander Graham Bell Association for the Deaf and Hard of Hearing
- Ph.D. in Education from Columbia University
- Master's Degree in Speech Therapy from Fontbonne University
- B.S. in Communication Sciences and Communication Disorders from Texas Christian University
- Member of:
- American Speech and Language Association

- American Cochlear Implant Alliance
- National Consortium for Leadership in Sensory Impairment



Thanks to TECH you will be able to learn with the best professionals in the world"

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#### Management



#### Ms. Vázquez Pérez, María Asunción

- Forensic speech therapist
- Forensic Speech Therapist with teaching experience in Attention Deficit Hyperactivity Disorder (ADHD)
- Diploma in Speech Therapy with training and experience in hearing impairment, autism spectrum disorders, augmentative communication systems

#### **Professors**

#### Ms. Mata Ares, Sandra María

- Speech therapist
- Specialist in Speech Therapy Intervention in Childhood and Adolescence
- Master's Degree in Speech Therapy intervention in childhood and adolescence.
- Specific training in disorders related to Speech and Language in childhood and adulthood

#### Ms. Rico Sánchez, Rosana

- Speech therapist
- Director and Speech Therapist in the Speech Therapy and Pedagogy Center "Words and More"
- Training and experience in clinical and educational Speech Therapy



## 04

## **Structure and Content**

Both the structure and the content of this Postgraduate Diploma have been developed by the teaching team, including the most exhaustive and innovative information in the sector. Thanks to this, it has been possible to develop a specialized syllabus based on the latest pedagogical and speech therapy advances. In addition, hours of high-quality additional material are included, presented in different formats and compacted into a convenient and accessible 100% online program. This way, students will be able to access the program whenever they want and from any device with an Internet connection.





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	1.10.3.2.1. Hearing and Speech Teacher
	1.10.3.2.2. Therapeutic Pedagogy Teacher (PT)
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1.10.9.3. How does it benefit the child with Special Educational Needs?

1.10.10. Final Conclusions

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#### Module 2. Dyslexia: Assessment, Diagnosis, and Intervention

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  - 2.1.2. The Brain
    - 2.1.2.1. Anatomy of the Brain
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      - 2.1.5.1.1. The Visual Component
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      - 2.1.5.2.2. Reading Comprehension
    - 2.1.5.3. Writing Processes
      - 2.1.5.3.1. Written Coding
      - 2.1.5.3.2. Syntactic Construction
      - 2.1.5.3.3. Educational
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- 2.1.7. Laterality and Reading
  - 2.1.7.1. Reading with the hands
  - 2.1.7.2. Handedness and Language
- 2.1.8. Integration of the outside World and Reading
  - 2.1.8.1. Attention
  - 2.1.8.2. Memory
  - 2.1.8.3. Emotions
- 2.1.9. Chemical Mechanisms involved in Reading
  - 2.1.9.1. Neurotransmitters
  - 2.1.9.2. Limbic System
- 2.1.10. Conclusions and Appendices
- 2.2. Talking and organizing time and space for Reading
  - 2.2.1. Introduction
  - 2.2.2. Communication.
    - 2.2.2.1. Oral Language
    - 2.2.2.2. Written Language
  - 2.2.3. Relations between Oral Language and Written Language
    - 2.2.3.1. Syntactic Aspects
    - 2.2.3.2. Semantic Aspects
    - 2.2.3.3. Phonological Aspects
  - 2.2.4. Recognize Language Forms and Structures.
    - 2.2.4.1. Language, Speech, and Writing
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  - 2.2.6. Recognize the structures of Written Language
    - 2.2.6.1. Recognize the Word
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    - 2.2.7.1. Organizing Time
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2.3.

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	2.4.4.3. Motor Processes
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	2.6.4.1. From the Specific Objective to the Content
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	2.7.5.	Teaching Methodology
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	2.7.6.	Changes in the Development of the Intervention Sessions
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3.3.

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	3.5.6.	Evaluation Process of SLD
	3.5.7.	Assessment of Language, Communicative Skills and Executive Functions in SLD
	3.5.8.	Evaluation Instrument of SLD
	3.5.9.	Interdisciplinary Evaluation
	3.5.10.	Diagnosis of TEL
3.6.	interventions in Specific Language Disorder	
	3.6.1.	The Speech Therapy Intervention
	3.6.2.	Basic Principles of Speech Therapy Intervention
	3.6.3.	Environments and Agents of intervention in SLD
	3.6.4.	Intervention Model in Levels
	3.6.5.	Early Intervention in SLD
	3.6.6.	Importance of Intervention in SLD
	3.6.7.	Music Therapy in the intervention of SLD
	3.6.8.	Technological Resources in the Intervention of SLD
	3.6.9.	Intervention in the Executive Functions in SLD
	3.5.10.	Multidisciplinary Intervention in SLD
3.7.		tion of a Speech Therapy Intervention Program for children with Specific ge Disorder
	3.7.1.	Speech Therapy Intervention Program
	3.7.2.	Approaches on SLD to design an Intervention Program
	3.7.3.	Objectives and Strategies of SLD Intervention Programs
	3.7.4.	Indications to follow in the Intervention of Children with SLD
	3.7.5.	Comprehension Treatment
	3.7.6.	Treatment of Expression in cases of SLD
	3.7.7.	Intervention in Reading and Writing
	3.7.8.	Social Skills Training in SLD
	3.7.9.	Agents and Timing of Intervention in cases of SLD
	3.7.10.	SAACs in the Intervention in cases of SLD
3.8.	The School in Cases of Specific Language Disorder	
	3.8.1.	The School in Child Development
	3.8.2.	School Consequences in children with SLD
	3.8.3.	Schooling of children with SLD
	3.8.4.	Aspects to take into account in School Intervention.
	3.8.5.	Objectives of School Intervention in cases of SLD
	3.8.6.	Guidelines and Strategies for Classroom Intervention with children with SLD

Development and Intervention in Social Relationships within the School

3.8.8. Dynamic Playground Program 3.8.9. The School and the Relationship with other Intervention Agents. 3.8.10. Observation and Monitoring of School Intervention 3.9. The Family and its Intervention in cases of children with Specific Language Disorder 3.9.1. Consequences of SLD in the Family Environment 3.9.2. Family Intervention Models 3.9.3. General Considerations to be taken into account 3.9.4. The importance of Family Intervention in SLD 3.9.5. Family Orientations 3.9.6. Communication Strategies for the Family 3.9.7. Needs of Families of Children with SLD 3.9.8. The Speech Therapist in the Family Intervention 3.9.9. Objectives of the Family Speech Therapy Intervention in the SLD 3.9.10. Follow-up and Timing of the Family Intervention in SLD 3.10. Associations and Support Guides for Families and Schools of Children with SLD 3.10.1. Parent Associations 3.10.2. Information Guides 3.10.3. AVATEL 3.10.4. ATELMA 3.10.5. ATELAS 3.10.6. ATELCA 3.10.7. ATEL CLM

3.10.8. Other Associations

3.10.9. SLD Guides aimed at the Educational Field

3.10.10. SLD Guides and Manuals aimed at the Family Environment





## tech 36 | Methodology

#### At TECH Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.



It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.



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:

- Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
- 2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
- **3.** Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
- 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.



## tech 38 | Methodology

#### 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 case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.

Educators 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.



#### Methodology | 39 tech

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).

With this methodology we have trained more than 85,000 educators with unprecedented success in all specialties. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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.

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.

## tech 40 | Methodology

This program offers the best educational material, prepared with professionals in mind:



#### **Study Material**

All teaching material is produced by the specialist educators who teach the course, specifically for the course, so that the teaching content is really 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.



#### **Educational Techniques and Procedures on Video**

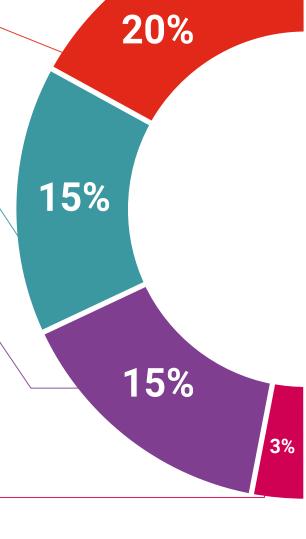
TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.



#### **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 multimedia content presentation training Exclusive system 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.

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#### **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 your goals.



There is scientific evidence suggesting that observing third-party experts can be useful.

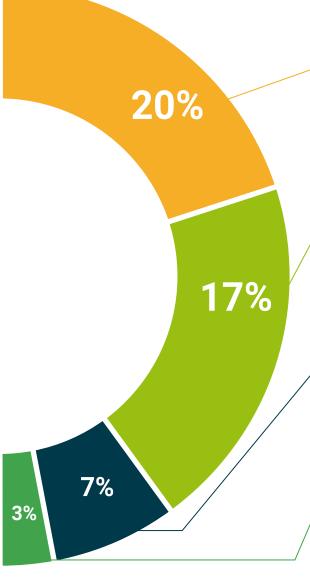
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### **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.









### tech 44 | Certificate

This **Postgraduate Diploma in Dyslexia and SLI** contains the most complete and up-todate 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 diploma 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 Dyslexia and SLI



<sup>\*</sup>Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

technological university

# Postgraduate Diploma Dyslexia and SLI

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

