

Postgraduate Certificate

Orofacial Therapy and Early Care





Postgraduate Certificate

Orofacial Therapy and Early Care

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

Website: www.techtute.com/in/education/postgraduate-certificate/orofacial-therapy-early-care

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01

Introduction

Alterations in orofacial functions such as breathing, swallowing, chewing, among others, should be addressed in the context of early childhood care. The multiple advances in science and technology have allowed the rise of new forms of treatment, with a multidisciplinary approach focused on the person and their environment. Based on the latest evidence, TECH has developed this academic program that contains the most specialized teaching load for the professional to improve their daily practices from the educational field, in coordination with the most versed specialists in the field. Its 100% online methodology based on Relearning allows it to be completed in only 6 weeks



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You will develop skills for specific speech therapy intervention in Orofacial Therapy and Early Childhood Care"

Speech therapy intervention in OMT (Orofacial/Miofunctional Therapy) and Early Intervention requires constant updating in terms of the latest advances and discoveries. This makes it much easier for the professional to approach the best results and make the right decisions

In this type of therapy, the basis of the work is the laryngeal, buccal, maxillary and facial system, intervening in various fields such as malformations, disabilities, congenital or acquired brain damage, neurodevelopmental disorders, etc. For this reason, it is necessary to understand in a broader way the alterations in children's swallowing, which entails consequences such as malnutrition, respiratory infections, among others, which must be treated in a precise manner

This program addresses the different rehabilitative treatments of oropharyngeal and esophageal dysphagia in children, as well as early feeding techniques, delving into neurodevelopment and infant feeding. These, among other topics, will be expanded in a specific way in the academic itinerary of this program and will allow early detection of a functional alteration in feeding, as well as allow the development of different intervention strategies at orofacial level in pediatric age in children with swallowing disorders

An academic space that meets all the conditions for the graduate to graduate in a comfortable and safe way, due to the 100% online methodology and based on Relearning, which will allow the rapid assimilation and understanding of the concepts. In this way, the professional will acquire the skills that will allow them to effectively address Orofacial Therapy and Early Childhood Care

This **Postgraduate Certificate in Orofacial Therapy and Early Care** contains the most complete and up-to-date educational program on the market. Its most notable features are:

- ♦ The development of practical cases presented by experts in NSpeech Neurorehabilitation and Orofacial Therapy
- ♦ The graphic, schematic, and practical content with which they are created, provides 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
- ♦ 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 updated on Orofacial Therapy and Early Care effectively thanks to the most modern methodology and technology in the current pedagogical field"

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You will learn in depth about infant feeding disorders and warning symptoms”

You will delve into the techniques of early feeding and apply the key therapeutic recommendations for effective care from the educational environment

An intensive Postgraduate Certificate that will allow you to combine your studies with other occupations in a comfortable and simple way

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. This will be done with the help of an innovative system of interactive videos made by renowned experts



02

Objectives

This academic program is designed to show the student the latest and most relevant aspects of Orofacial Therapy and Early Care, to address conditions such as swallowing disorders in children in a practical and updated way. The graduate will be able to update their knowledge in a fluent and safe way, growing in their work capacity and success



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Complete your academic goal from the comfort of your favorite device and in only 6 weeks, thanks to the 100% online modality and the best methodology"



General Objectives

- ♦ Develop a broad body of knowledge of the anatomical and functional basis of the central and peripheral nervous system
- ♦ Study the anatomy and function of the organs involved in basic functions such as respiration, phonation and swallowing
- ♦ Acquire knowledge in both assessment and speech therapy intervention
- ♦ Delve into rehabilitation techniques supported by clinical practice
- ♦ Develop intervention skills acquired from complementary disciplines such as neuropsychology, physiotherapy and psychology
- ♦ Become proficient in the assessment, diagnosis and treatment of neurofunctional and logopedic disorders in specific groups with neurodevelopmental or syndromic disorders
- ♦ Know various approaches and intervention programs in neurological and speech therapy neurorehabilitation



You will delve into the study of swallowing disorders in children caused by congenital brain damage or acquired brain damage, as well as other neuropsychological pathologies"





Specific Objectives

- ♦ Understand oral-facial behavior in children, both innate and acquired
- ♦ Recognize correct motor patterns in swallowing, breathing and sucking
- ♦ Detect functional alteration in diet early
- ♦ Understand the importance of orofacial growth and vegetative functions development at the pediatric level
- ♦ Detect the signs of proper posture and apply them in different positions for breastfeeding
- ♦ Learn how to use alternative techniques in infant diets
- ♦ Learn to manage the different intervention strategies at the pediatric orofacial level in children with swallowing disorders
- ♦ Know and develop action plans during diet that can be helpful in first instance with a high chance of success
- ♦ Create diet programs adapted and individualized to each case in a preventive, re-educative and rehabilitative way

03

Course Management

The teaching staff of this academic program is composed of professionals of great prestige and recognition in their sector, who will provide maximum actuality in each of the contents. Specialists in Speech Therapy Rehabilitation and its specific areas will facilitate a holistic understanding of Orofacial Therapy and Early Care from a scientific point of view based on their own experience





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This Postgraduate Certificate, thanks to its high quality, will allow you to learn in a wide and totally updated way, with the support of the best teaching methodology"

Management



Mr. Borrás Sanchis, Salvador

- ♦ Psychologist, Teacher and Speech Therapist
- ♦ Educational Counselor at Generalitat Valenciana, Consejería de Educación (Valencian Regional Government)
- ♦ Abile Education Specialist
- ♦ Avance SL Partner
- ♦ Pedagogical Advisor and External Collaborator of Aula Salud (an organization to promote health in the classroom)
- ♦ Pedagogical Director in iteNlearning
- ♦ Author of "Guide for the Reeducation of Atypical Swallowing and Associated Disorders"
- ♦ Pedagogical Director in the Instituto DEIAP (Institute for Comprehensive Development and Psychoeducational Care)
- ♦ Degree in Psychology
- ♦ Hearing and Speech Teacher
- ♦ Diploma in Speech Therapy



Ms. Santacruz García, Estefanía

- ♦ Social integrator and clinical speech therapist at Uner Clinic
- ♦ Teacher at CEFIRE
- ♦ Specialist in Orofacial and Myofunctional Therapy

Professors

Ms. Navarro Marhuenda, Laura

- ♦ Neuropsychologist at Kinemas
- ♦ Specialist in Child and Adult Neurorehabilitation in Integral Center of Brain Injury
- ♦ Master's Degree in Speech Neurorehabilitation and Vital Function Analysis
- ♦ Neuropsychologist at INEURO
- ♦ Neuropsychologist at UNER CLINIC
- ♦ Degree in Psychology from the Miguel Hernández University of Elche
- ♦ Master's Degree in Health Psychology from the Miguel Hernández University of Elche
- ♦ Master's Degree in Clinical Neuropsychology from the European University Miguel de Cervantes
- ♦ Master's Degree in Pediatric Neurology and Neurodevelopment by CEU Cardena Herrera University

Ms. López Samper, Belén

- ♦ General Health Psychology and Clinical Neuropsychologist
- ♦ Psychologist. Alcaraz Institute
- ♦ Psychologist. IDEAT Center
- ♦ Neuropsychologist Clínica UNER - Assessment and Integral Rehabilitation of Brain Injury
- ♦ Specialized in Child and Adult Neurorehabilitation at the Integral Center for Brain Injury
- ♦ Master's Degree in Special Educational Needs and Early Care, Developmental and Child Psychology. International University of Valencia
- ♦ Master's Degree in Clinical Neuropsychology, Neuropsychology. AEPCCC
- ♦ Master's Degree in General Health Psychology. International University of Valencia
- ♦ Degree in Psychology. Miguel Hernández University of Elche

Dr. Carrasco de Larriva, Concha

- ♦ Psychologist at PEROCA
- ♦ Clinical Neuropsychologist accredited by the General Council of Psychology in Spain
- ♦ Assistant Professor of the Department of Psychology at the Catholic University San Antonio of Murcia
- ♦ Degree in Psychology from the University of Granada
- ♦ Master's Degree in Clinical Neuropsychology by the Spanish Association of Clinical Cognitive Behavioral Psychology
- ♦ Postgraduate degree in Cognitive Rehabilitation from ISEP
- ♦ Expert in Child and Cognitive Rehabilitation by the Francisco de Vitoria University
- ♦ Qualified for the assessment of Autism with the Autism Diagnostic Observation Scale ADOS

Ms. Jiménez Jiménez, Ana

- ♦ Clinical Neuropsychologist and Social Worker
- ♦ Clinical Neuropsychologist at Integra Cerebral Damage
- ♦ Neuropsychologist at UNER Clinic
- ♦ Educator of the Social Action Team Murcia in Cáritas Spain
- ♦ Degree in Social Work at the University of Murcia
- ♦ Degree in Psychology from UNED
- ♦ Master's Degree in Clinical Neuropsychology from the European University Miguel de Cervantes
- ♦ Master's Degree in General Health Psychology by UNED

Ms. Álvarez Valdés, Paula del Carmen

- ♦ Clinical Speech Therapist Specialist in Myofunctional Therapy
- ♦ Clinical Speech Therapist Specialist in Myofunctional Therapy
- ♦ Diploma in Psychodiagnosis and Early Care Treatment
- ♦ Direct collaboration in Dental Office
- ♦ Master's Degree in Special Education and in Foreign Languages from the Pontifical University of Salamanca
- ♦ ISEP Master's Degree in Myofunctional Therapy

Ms. Selva Cabañero, Pilar

- ♦ Nurse Specialist in Obstetric-Gynecological Nursing (Midwife)
- ♦ Obstetrical-Gynecological Nursing Teaching Unit of the University of Murcia at the University General Hospital Santa Lucía in Murcia
- ♦ Publication, Ankyloglossia and the Success of Breastfeeding, ISBN13: 978- 84-695- 5302- 2. 2012

Ms. Sanz Pérez, Nekane

- ♦ Clinical Speech Therapist specialized in Acquired Cerebral Palsy
- ♦ Teacher in Iberocardio for Aspace (Main Confederation and Entity for Cerebral Palsy Care in Spain)

Ms. Martín Bielsa, Laura

- ♦ Speech Therapist Expert in Speech Pathology, Child Development and Early Childhood Attention
- ♦ Diploma in Teaching and Dean of the Professional Association of Speech Therapists of Aragon
- ♦ Director of the Master's Degree in Vocal Therapy, Cardenal Herrera University



Ms. Muñoz Boje, Rocío

- ♦ Occupational Therapist Specialist in Neurorehabilitation at the Uner Clinic
- ♦ Degree in Occupational Therapy
- ♦ Occupational Therapist Specialist in Neurorehabilitation

Ms. García Gómez, Andrea

- ♦ Speech therapist specialized in Acquired Brain Injury Neurorehabilitation
- ♦ Speech therapist at UNER Clinic
- ♦ Speech therapist at Integra Brain Injury
- ♦ Speech therapist at Ineuro
- ♦ Graduate in Speech Therapy
- ♦ Master's Degree in Speech Therapy Neurorehabilitation in Acquired Brain Injury

Ms. Santacruz García, Raquel

- ♦ Specialist in Pedagogy and Nutrition
- ♦ Dietician of the Hispanic Ballet Company
- ♦ Dancer at the Andalusian Dance Center
- ♦ Graduate in Human Nutrition and Dietetics by the Catholic University San Antonio
- ♦ Specialist in Dance Pedagogy by the Theatre Institute of Barcelona
- ♦ Intermediate Degree in Classical Dance at the Conservatory of Murcia

Ms. Gallego Díaz, Mireia

- ♦ Hospital Speech Therapist
- ♦ Occupational Therapist
- ♦ Speech Therapist Expert in Swallowing Disorders

04

Structure and Content

After 6 weeks of study, the graduate will have acquired all the knowledge about the most advanced and specific methods regarding Orofacial Therapy and Early Care. A teaching process guaranteed by the intervention of experts in the field and the most avant-garde methodology of the current educational market, which will allow the rapid assimilation and understanding of the concepts. From a 100% online modality, you will complete the course at your own pace, and you will be able to combine your day-to-day activities without any inconvenience



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A complete syllabus that focuses on the latest scientific evidence regarding Orofacial Therapy and Early Care within the school environment"

Module 1. Orofacial/Myofunctional Therapy (OMT) and Early Care

- 1.1. Neonatal Development
 - 1.1.1. Neonatal Development
 - 1.1.2. NBAS: Neonatal Behavioral Assessment
 - 1.1.3. Early Diagnosis
 - 1.1.4. Neurologic Diagnosis
 - 1.1.5. Habituation
 - 1.1.6. Oral Motor Reflexes
 - 1.1.7. Body Reflexes
 - 1.1.8. Vestibular System
 - 1.1.9. Social and Interactive Media
 - 1.1.10. Use of NBAS in High-Risk Newborns
- 1.2. Eating Disorders in Children
 - 1.2.1. Feeding Processes
 - 1.2.2. Pediatric Swallowing Physiology
 - 1.2.3. Phases in Skill Acquisition
 - 1.2.4. Deficits
 - 1.2.5. Multidisciplinary Work
 - 1.2.6. Warning Symptomatology
 - 1.2.7. Premature Orofacial Development
 - 1.2.8. Feeding Methods: Parenteral, Enteral, Tube, Gastrectomy, Oral (Modified or Unmodified Diet)
 - 1.2.9. Gastroesophageal Reflux
- 1.3. Neurodevelopment and Infant diets
 - 1.3.1. Embryonic Development
 - 1.3.2. Appearance of Main Primary Functions
 - 1.3.3. Risk Factors
 - 1.3.4. Evolutionary Milestones
 - 1.3.5. Synaptic Function
 - 1.3.6. Immaturity
 - 1.3.7. Neurological Maturity
- 1.4. Brain - Motor Skills
 - 1.4.1. Innate Orofacial Motor Skills
 - 1.4.2. Evolution of Orofacial Motor Patterns
 - 1.4.3. Reflex Swallowing
 - 1.4.4. Reflex Breathing
 - 1.4.5. Reflex Suction
 - 1.4.6. Assessing Infant Oral Reflexes
- 1.5. Nursing
 - 1.5.1. Early Start
 - 1.5.2. Impact at the Orofacial Level
 - 1.5.3. Exclusivity
 - 1.5.4. Optimal Nutrition
 - 1.5.5. Spontaneous Maturation of Oral Musculature
 - 1.5.6. Muscle Mobility and Synergy
 - 1.5.7. Position
 - 1.5.8. Therapeutic Recommendations
 - 1.5.9. Intellectual Development
 - 1.5.10. Intervention Program
- 1.6. Early Feeding Techniques
 - 1.6.1. Newborn Feeding
 - 1.6.2. Positioning Techniques
 - 1.6.3. Signs of Good Positioning
 - 1.6.4. Key Therapeutic Recommendations
 - 1.6.5. Milk and Non-Milk Formulas
 - 1.6.6. Classification of Formulas
 - 1.6.7. Bottle Feeding Techniques
 - 1.6.8. Spoon Techniques
 - 1.6.9. Techniques for Low-Cut Cup Use
 - 1.6.10. Techniques Tube Use or Alternative Feeding Systems

- 1.7. Speech Therapy Intervention in Neonates
 - 1.7.1. Primary Functions Assessment
 - 1.7.2. Re-Education of Primary Neuromotor Dysfunctions
 - 1.7.3. Primary Intervention
 - 1.7.4. Individual Treatment Planning and Coordination
 - 1.7.5. Oral Motor Exercise Program I
 - 1.7.6. Oral Motor Exercise Program II
 - 1.7.7. Intervention with Families
 - 1.7.8. Early Motor Activation
- 1.8. Child Swallowing Disorders I
 - 1.8.1. Intake Analysis
 - 1.8.2. Undernourishment
 - 1.8.3. Respiratory Infections: Airway Unit
 - 1.8.4. Complementary Explorations
 - 1.8.5. Quantitative Explorations
 - 1.8.6. Nutritional Treatment
 - 1.8.7. Adaptive Treatment: Posture, Texture, Materials
 - 1.8.8. Performance Program
- 1.9. Rehabilitative Treatment of Infant Oropharyngeal and Esophageal Dysphagia
 - 1.9.1. Symptoms
 - 1.9.2. Etiology
 - 1.9.3. Neurological Damage in Children: High Probability of Presenting a Disorder
 - 1.9.4. Infant Dysphagia
 - 1.9.5. Phases of Normalized Swallowing in Pediatrics vs. Pathological Swallowing
 - 1.9.6. Neurological Maturity: Cognitive, Emotional and Motor Coordination Status
 - 1.9.7. Impossibility of Oral Feeding
 - 1.9.8. Early care. High Probability of Recovering

- 1.10. Child Swallowing Disorders II
 - 1.10.1. Types. Neuroanatomical and Behavior-Based Classification
 - 1.10.2. Functional Maturation Dysphagia
 - 1.10.3. Degenerative Diseases
 - 1.10.4. Cardiorespiratory Pathologies
 - 1.10.5. Congenital Brain Damage
 - 1.10.6. Childhood Acquired Brain Injury (CABI)
 - 1.10.7. Craniofacial Syndromes
 - 1.10.8. Autism Spectrum Disorders



A completely online program that you will have at your own pace and with the quality that only TECH can offer"

05

Methodology

This training program offers 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 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.

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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. 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.



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.



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.



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

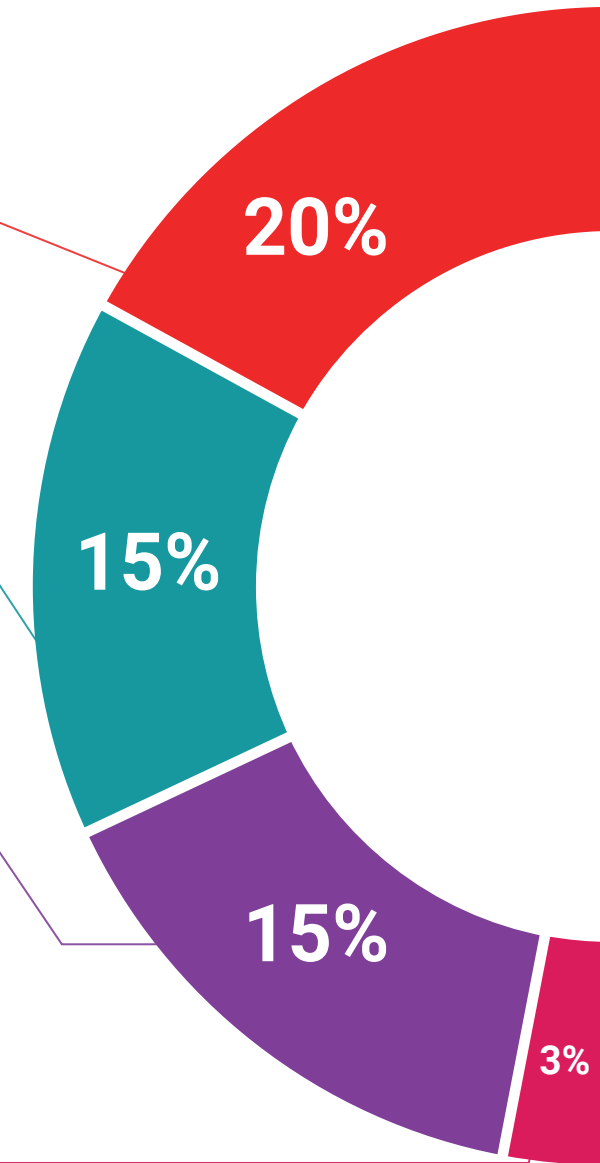
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

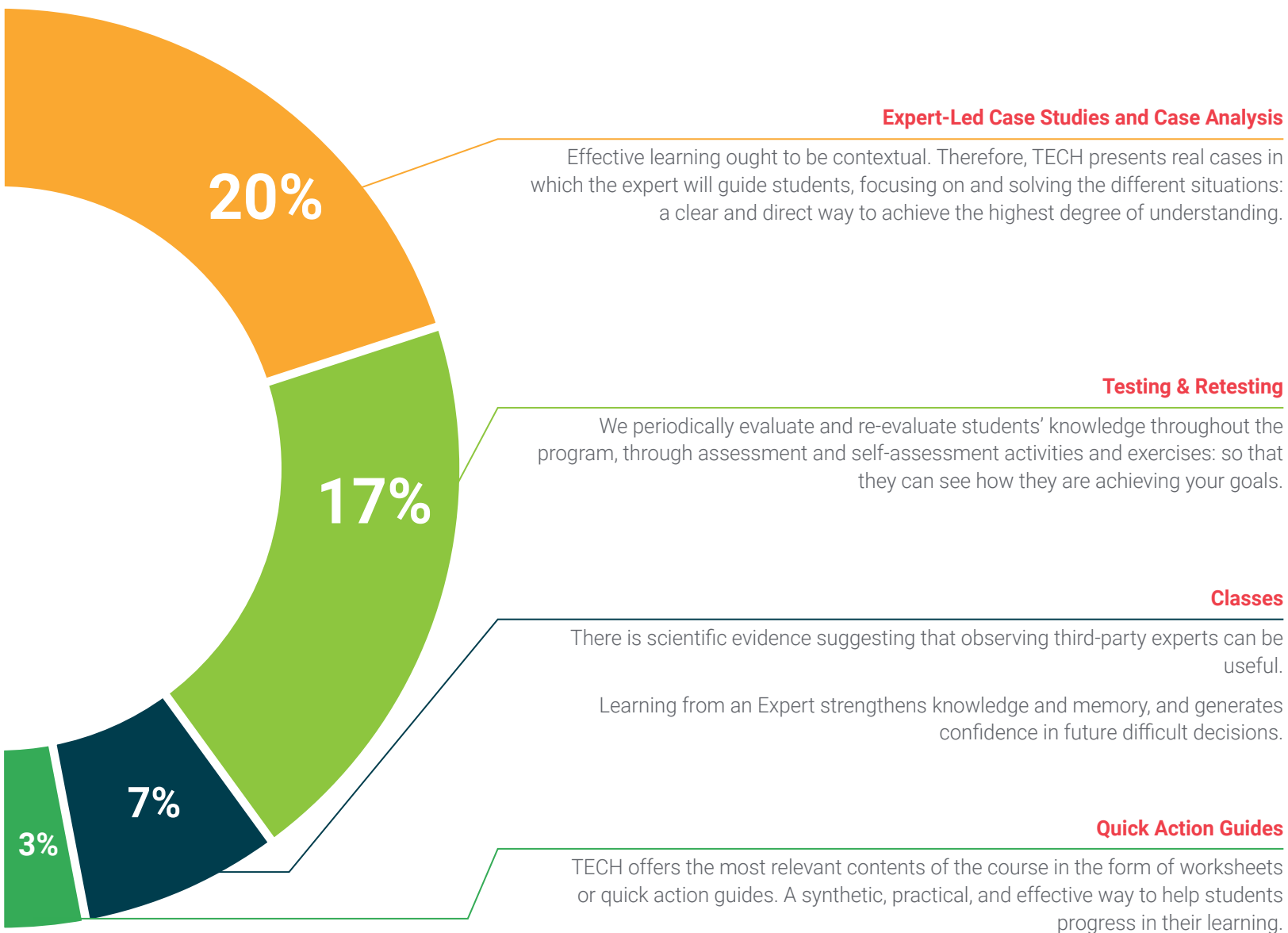
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



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.





06

Certificate

The Postgraduate Certificate in Orofacial Therapy and Early Care guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University



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

This **Postgraduate Certificate in Orofacial Therapy and Early Care** contains the most complete and up-to-date educational program on the market.

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

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

Title: **Postgraduate Certificate in Orofacial Therapy and Early Care**

Official N° of Hours: **175 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



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- » Schedule: at your own pace
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Postgraduate Certificate

Orofacial Therapy and Early Care

