

Postgraduate Diploma

Dissemination and Transfer of Research Results





Postgraduate Diploma Dissemination and Transfer of Research Results

Course Modality: **Online**

Duration: **6 months**

Certificate: **TECH Technological University**

Official N° of hours: **450 h.**

Website: www.techitute.com/us/dentistry/postgraduate-diploma/postgraduate-diploma-dissemination-transfer-research-results

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01

Introduction

The dissemination of data obtained in dental research is essential to the development of the activity and the improvement of ecosystems within the sector. These results must be preserved and shared in an effective way, in order to generate collaborative work with other professionals and companies, and to gain benefits for further progress in research. Thanks to this program, the student will learn about communication methods, adapting to informative and/or scientific writing styles in a more effective way and delving into the possibilities generated by the creation of patents. For this reason, TECH has developed a 100% online program, versatile and intuitive, so that students can easily adapt to it.



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Update your knowledge on the Dissemination of Scientific Results with this Postgraduate Diploma and start mastering all the necessary dissemination tools to expand your knowledge in the Dental Research field"

After any type of research, the professionals involved in it dedicate all their efforts to be able to share the results obtained in a correct, simple and understandable way for a general public. While it is true that the use of certain technical terms and, in general, a specialized language is part of the nature of dentistry, knowing how to adapt to reach more people is a key element in the communication work of these professionals.

With this in mind, and with the addition of current technological advances, the knowledge that dental professionals must possess must be up to date. The use of social networks, forums and the Internet, in general, is one of the most important pillars, if not the most important in the tasks of Dissemination and Transfer of Research Results. For this reason, TECH Technological University has developed this Postgraduate Diploma in order to provide the tools and skills that students need to meet all these professional demands mentioned above. Among them are some examples, such as the keys to correctly prepare a Cover Letter, Rebuttal Letter, how to generate posters for congresses, and how to generate Spin-Off companies.

With this in mind, a 100% online program has been created, which offers flexibility and the possibility for students to adapt according to their needs. This is intended to allow students to continue their professional careers while pursuing the relevant studies. The Relearning study methodology, together with an avant-garde and detailed teaching team, makes this program exceptional for all those who want to increase their mastery of research processes.

This **Postgraduate Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Case studies presented by experts in Health Sciences Research
- ♦ The graphic, schematic, and practical contents with which they are created, provide medical 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



Do not drift with the tide, take the helm of your professional life and become an expert in Dental Dissemination by mastering techniques such as the Cover Letter and the Rebuttal Letter"

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In a sector of continuous progress, being aware of these variations, as well as knowing how to communicate them is essential, enroll now!"

The program's teaching staff includes professionals from sector who contribute their work experience to this 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 academic year. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

A program created for you, by experts, for research professionals.

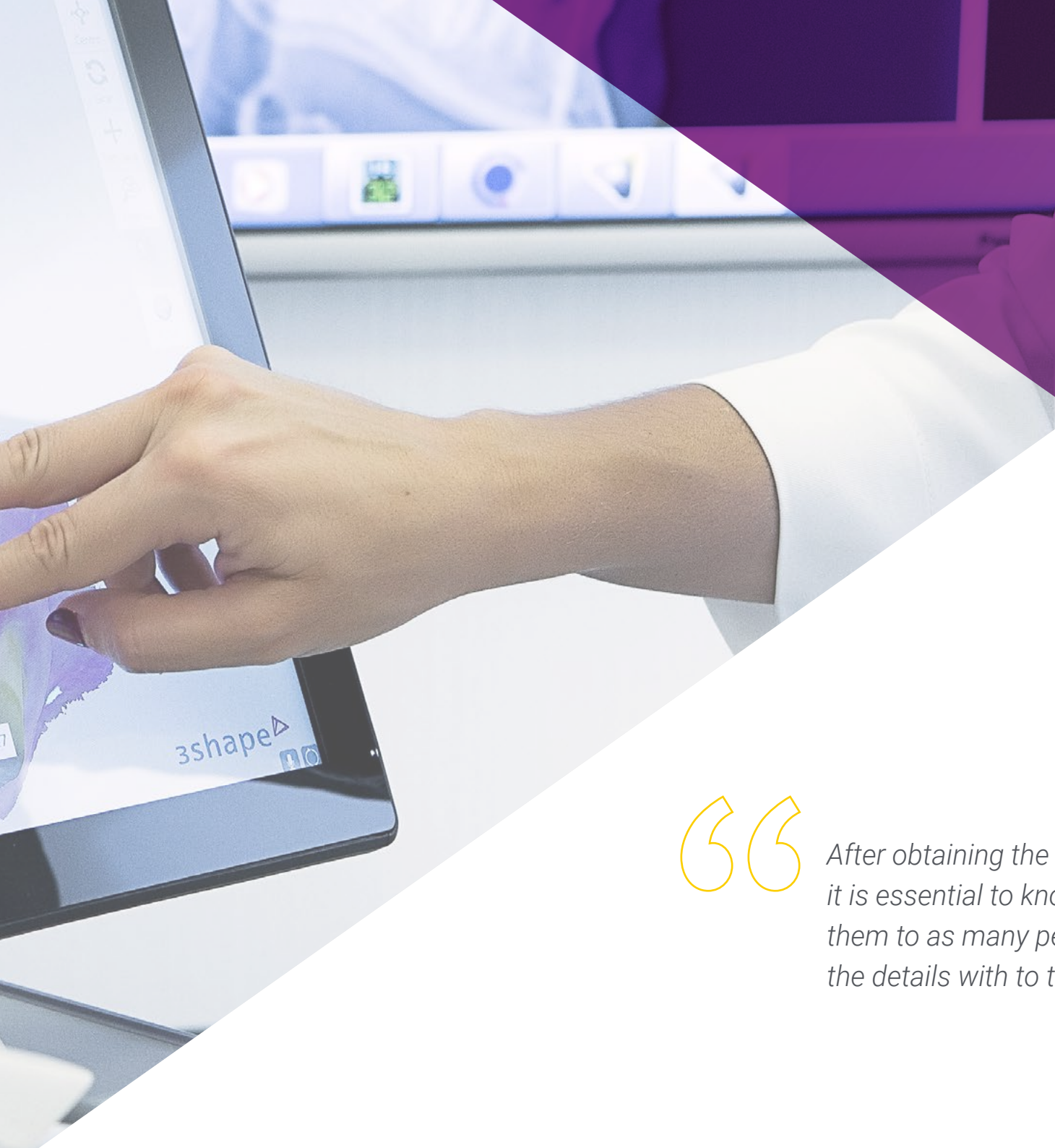
Master all the keys to communicate your research results effectively on social networks.



02 Objectives

This Postgraduate Diploma in Dissemination and Transfer of Research Results updates the practical and theoretical knowledge of professionals who want to improve in terms of generating and transmitting the results of scientific studies. In the world of dentistry, this is extremely important; moreover, the pace at which social networks and modern communication styles are advancing makes it essential to constantly renew oneself if one wants to be at the forefront of the sector.





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After obtaining the results of an investigation, it is essential to know how to communicate them to as many people as possible; master all the details with to this Postgraduate Diploma”



General Objectives

- ♦ Be able to adequately formulate a question or problem to be solved
- ♦ Assess the state of the art of the problem through literature search
- ♦ Assess the feasibility of the potential project
- ♦ Draft of projects in accordance with the different proposal calls
- ♦ Search for funding
- ♦ Master the necessary data analysis tools
- ♦ Write scientific articles (papers) according to daily journals
- ♦ Creation of posters
- ♦ Use dissemination tools to the non-specialized public
- ♦ Data Protection
- ♦ Transfer knowledge generated to industry or the clinic
- ♦ Use of artificial intelligence and massive data analysis
- ♦ Interact with examples of successful projects



Access the most complete syllabus of the current academic scene and you will have the most cutting-edge tools in dental research"





Specific Objectives

Module 1. Dissemination of Results I: Reports, Memoirs and Scientific Articles

- ◆ Learn the various ways of disseminating results
- ◆ Internalize how to write reports
- ◆ Manage scientific reports and articles
- ◆ Learn how to write for a specialized journal

Module 2. Dissemination of Results II, Symposiums, Congresses, Dissemination to Society

- ◆ Learn how to generate a poster at a congress
- ◆ Learn how to prepare different communications of different times
- ◆ Learn to disseminate data obtained to non-specialized audiences
- ◆ Learning how to turn a scientific paper into dissemination material

Module 3. Protection and Transfer of Results

- ◆ Introduction to the world of protection of results
- ◆ Learn to evaluate the results of a research project
- ◆ Delve into patents and similar
- ◆ Delve into the possibilities of company creation

03

Course Management

Given the search for a program of the highest level, TECH Technological University has managed to form a teaching team who will provide quality content in Dental Dissemination. A study program developed with great care and caution that, with the teaching qualities of these professionals, along with their extensive experience and the instructive nature, develop a cutting-edge curriculum which will allow students to take a step forward to master their knowledge in this field.



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*With this Postgraduate Diploma,
you will be able to effectively
represent and share the results
obtained in through research”*

Management



Dr. López-Collazo, Eduardo

- ♦ Scientific Deputy Director in the Institute for Health Research the Health Research Institute of La Paz University Hospital
- ♦ Head of the Department of Immune Response and Infectious Diseases at IdiPAZ
- ♦ Head of the Department of Immune Response, Tumors and Immunology at IdiPAZ
- ♦ President of the IdiPAZ Research Commission
- ♦ Sponsor of the External Scientific Committee of the Murcian Institute of Health Research
- ♦ Member of the Scientific Commission of FIDE
- ♦ Editor of the international scientific journal "Mediators of Inflammation"
- ♦ Editor of the international scientific journal "Frontiers of Immunology"
- ♦ Coordinator of IdiPAZ Platforms
- ♦ Coordinator of Health Research Funds in the areas of Cancer, Infectious Diseases and HIV
- ♦ PhD in Nuclear Physics, University of La Habana
- ♦ Doctorate in Pharmacy from the Complutense University of Madrid



Professors

Dr. Avendaño Ortiz, José

- ♦ "Sara Borrell" Researcher Foundation for Biomedical Research of the Ramón y Cajal University Hospital (FIBioHRC/IRyCIS)
- ♦ Researcher Foundation for Biomedical Research of La Paz University Hospital (FIBHULP/ IdiPAZ)
- ♦ Researcher HM Hospitals Foundation (FiHM)
- ♦ Graduate in Biomedical Sciences from the University of Lleida
- ♦ Master's Degree in pharmacological research from the Autonomous University of Madrid
- ♦ PhD in Pharmacology and Physiology from the Autonomous University of Madrid

Dr. del Fresno, Carlos

- ♦ Researcher Specialist in Biochemistry, Molecular Biology and Biomedicine
- ♦ "Michael Servetus" Researcher. Group Leader, Research Institute of the Hospital la Paz (IdiPAZ)
- ♦ Researcher Spanish Association Against Cancer (AECC), National Center for Cardiovascular Research (CNIC- ISCIII)
- ♦ Researcher, National Center for Cardiovascular Research (CNIC- ISCIII)
- ♦ "Sara Borrell" Researcher, National Biotechnology Center (CNIC - ISCIII)
- ♦ PhD in Biochemistry, Molecular Biology and Biomedicine, Autonomous University of Madrid
- ♦ Degree in Biology from the Complutense University of Madrid

04

Structure and Content

As for the structure of this Postgraduate Diploma in Dissemination and Transfer of Research Results, it has been developed in detail by experts in the field. Thanks to the results that have been achieved, TECH Technological University has created a 450-hour program, completely online and adaptable to the students, with which they will be able to master the keys and details required for an appropriate scientific dissemination in the field of Dentistry.





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Access all the teaching material required to delve into the different types of materials required for the transmission and protection of data”

Module 1. Dissemination of Results I: Reports, Memoirs and Scientific Articles

- 1.1. Generating a Scientific Report or Memory of a Project
 - 1.1.1. Optimal Approach to the Discussion
 - 1.1.2. Presentation of the Limitations
- 1.2. Generation of a Scientific Article: How to Write a Paper on the Basis of the Data Obtained?
 - 1.2.1. General Structure
 - 1.2.2. Where Does the Paper Go?
- 1.3. Where to Start?
 - 1.3.1. Adequate Representation of the Results
- 1.4. Introduction: The Mistake of Starting with this Section
- 1.5. Discussion: The Cusp Moment
- 1.6. The Description of Materials and Methods: The Guaranteed Reproducibility
- 1.7. Choice of the Journal where the Paper is to be submitted
 - 1.7.1. Choice Strategy
 - 1.7.2. Priority List
- 1.8. Adaptation of the Manuscript to the Different Formats
- 1.9. The "Cover Letter": Concise Presentation of the Study to the Editor
- 1.10. How to Respond to Reviewers' Doubts? The Rebuttal Letter

Module 2. Dissemination of Results II, Symposiums, Congresses, Dissemination to Society

- 2.1. Presentation of Results at Congresses and Symposia
 - 2.1.1. How is a Poster Generated?
 - 2.1.2. Data Representation
 - 2.1.3. Focusing the Message
- 2.2. Short Communications
 - 2.2.1. Data Representation for Short Communications
 - 2.2.2. Focusing the Message
- 2.3. The Plenary Lecture: Notes on How to Keep the Attention of the Specialized Audience for More than 20 Minutes





- 2.4. Dissemination to the General Public
 - 2.4.1. Need Vs. Opportunity
 - 2.4.2. Use of References
- 2.5. Use of Social Networks for the Dissemination of Results
- 2.6. How to Adapt Scientific Data to the Popular Language?
- 2.7. Hints for Summarizing a Scientific Paper in a Few Characters
 - 2.7.1. Instant Dissemination via Twitter
- 2.8. How to turn a Scientific Paper into a Popularization Material
 - 2.8.1. Podcast
 - 2.8.2. YouTube Videos
 - 2.8.3. Tik Tok
 - 2.8.4. Comic Book
- 2.9. Popular Literature
 - 2.9.1. Columns
 - 2.9.2. Books

Module 3. Protection and Transfer of Results

- 3.1. Protection of Results: General Aspects
- 3.2. Valuation of the Results of a Research Project
- 3.3. Patents: Pros and Cons
- 3.4. Other Forms of Protection of Results
- 3.5. Transfer of Results to Clinical Practice
- 3.6. Transfer of Results to Industry
- 3.7. The Technology Transfer Contract
- 3.8. Trade Secrets
- 3.9. Generation of Companies Spin-Off from a Research Project
- 3.10. Search for Investment Opportunities in companies Spin-Off

05

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





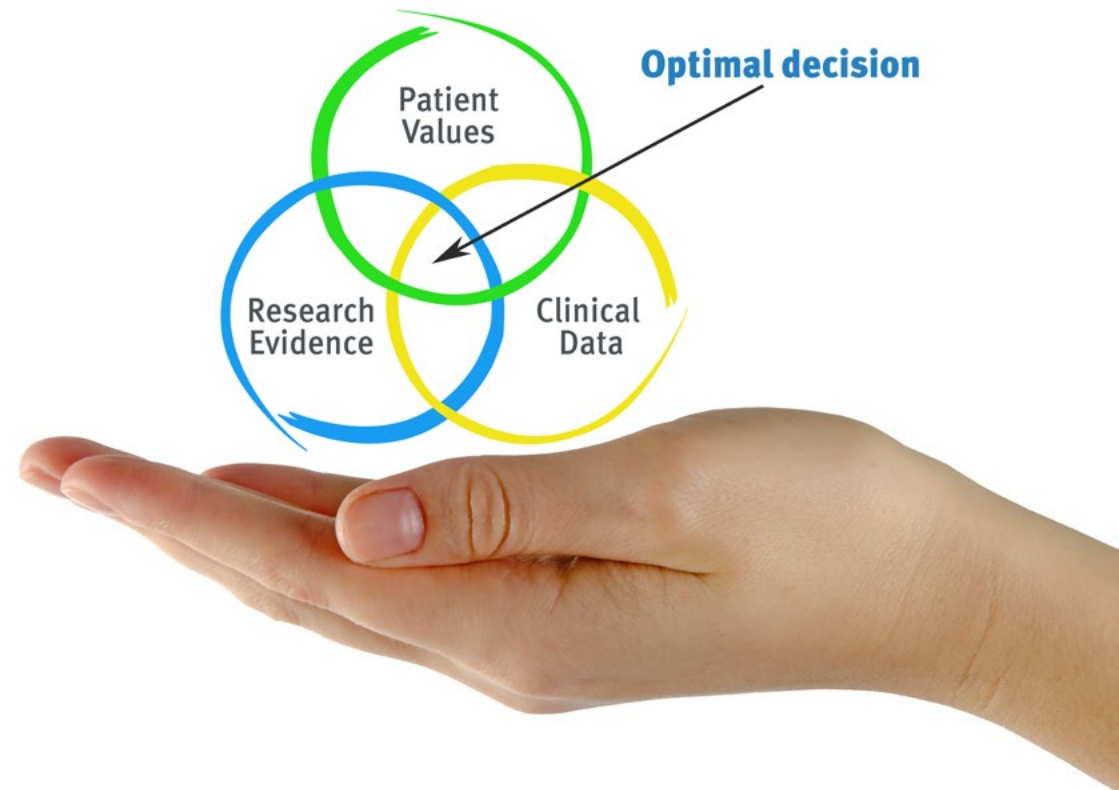
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

At TECH we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the dentist's professional practice.

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Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”

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

1. Dentists who follow this method not only grasp concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the 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.



Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

The student 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 115,000 dentists with unprecedented success, in all specialties regardless of the workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



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



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances, and to the forefront of medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



Interactive Summaries

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

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



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



06

Certificate

The Postgraduate Diploma in Dissemination and Transfer of Research Results, guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma in Dissemination and Transfer of Research Results** contains the most complete and up-to-date scientific 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 Dissemination and Transfer of Research Results**
Official N° of hours: **450 h.**



*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.

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



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