

# Postgraduate Certificate

## Advances in Techniques in Advanced Integrative Medicine



## Postgraduate Certificate Advances in Techniques in Advanced Integrative Medicine

Course Modality: **Online**

Duration: **3 months.**

Endorsed by: **TECH Technological University**

**8 ECTS Credits**

Teaching Hours: **200 hours.**

Website: [www.techtitute.com/medicine/postgraduate-certificate/advances-techniques-advanced-integrative-medicine](http://www.techtitute.com/medicine/postgraduate-certificate/advances-techniques-advanced-integrative-medicine)

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01

# Introduction

Advanced Integrative Medicine is the medical approach to human pathologies, which combines the synergies of Conventional Medicine, Complementary Medicine and Traditional Medicine. From anamnesis to diagnosis and treatment, the new techniques of this scientific discipline provide the medical professional with alternative approaches and approaches, backed by evidence and supported by the WHO. A way of working that reduces iatrogenesis and the use of conventional medication.







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*Advanced Integrative Medicine incorporates the benefits of proven medical advances in Complementary Medicine and Traditional Medicine into conventional medicine”.*

Advanced Integrative Medicine is a field of Health Sciences that is in full development in the most advanced countries, with a large percentage of the population using complementary or alternative forms of treatment (CAM) at least once in their lifetime: 48% in Australia, 70% in Canada, 42% in the USA, 38% in Belgium, and 75% in France.

The momentum of this approach is motivating its inclusion in the public health services in countries such as the United Kingdom, Germany, Belgium, the Netherlands and the Nordic countries. For example, 90% of pain management services in the United Kingdom and 70% in Germany include acupuncture among the treatments they provide.

In 1998, the European Union completed a COST (European Cooperation in the field of Scientific and Technical Research) project on non-conventional medicine. With the participation of several governments, including Spain, the aim was to demonstrate the possibilities, limitations and significance of alternative medicine, establishing a common scientific framework, harmonizing legislation and helping to control healthcare costs. The CAMBRELLA project, a pan-European research network on natural therapies, was launched in January 2010 and has been funded with more than 1.5 million euros through the EU's Seventh Framework Program. The working groups that make up CAMBRELLA focus on terminology, legal framework, patient needs, the role of natural therapy treatments in healthcare systems and research methodology.

The World Health Organization expressed the explicit desire to incorporate Traditional Medicine at the worldwide level in its 2014-2023 Strategy.

With the most complete and up to date scientific program on the market. The most important features of the program include:

- Development of more than 75 clinical cases presented by experts in Advanced Integrative Medicine and Health.
- Graphic, schematic and eminently practical contents with scientific and assistance information on those disciplines that are essential for professional practice.
- Diagnostic and therapeutic advances on evaluation, diagnosis and intervention in Advanced Integrative Medicine and Health.
- Practical exercises where the self-evaluation process can be carried out to improve learning.
- Clinical iconography and diagnostic imaging tests.
- Algorithm-based interactive learning system for decision-making in the presented clinical situations.
- Incidence on evidence-based medicine and research methodologies in Advanced Integrative Medicine and Health.
- 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.



*Access with this course, to the essential knowledge in one of the medical areas with more projection nowadays, recognized by the WHO in its strategy 2014-2023".*

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*Add to your training, the knowledge of a course created to meet the needs of the most up to date healthcare personnel”.*

Its faculty is made up of prestigious and renowned Spanish professionals, including experts in the field of medicine and advanced integrative health, with a long history of care, teaching and research, who have worked in various hospitals throughout the country, developing a professional and teaching experience that they deliver in an extraordinary way in this Postgraduate Certificate.

The methodological design of this course, developed by a multidisciplinary team of e-learning experts, integrates the latest advances in educational technology for the creation of numerous multimedia educational tools that allow the professional, essentially based on the scientific method, to address the solution of real problems in their daily clinical practice, allowing them to advance in the acquisition of knowledge and the development of skills that will impact their future professional work.

This program is designed around Problem Based Learning, whereby the physician must try to solve the different professional practice situations that arise during the course. For this purpose, the doctor will be assisted by an innovative interactive video system created by renowned experts in the field of Advanced Integrative Medicine and Health and other related disciplines with extensive teaching experience.

*An adapted Problem Based Learning teaching system, which will confront you with the experience of more than seventy real cases.*

*The teaching support and personal experience of the best trained professionals in this field, with the support of the prestigious Tech Technological University.*



02

# Objectives

This postgraduate certificate course is aimed at updating and acquiring knowledge and practices in advanced integrative medicine and health, through the use of a problem-based learning system, which will place you in real situations, creating a practical environment of high didactic effectiveness.







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*A careful teaching strategy that will allow you to incorporate the most up to date advances in advanced integrative medicine into your professional practice".*



## General Objective

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- Acquire the knowledge and skills necessary to assess the suitability of each discipline in the clinical setting, allowing the provision of quality care based on scientific evidence.
- Update the knowledge of the Health Sciences Professional in the various fields of Advanced Integrative Medicine.
- Foster work strategies based on the integrative approach and multimodal rehabilitation, as a reference model in the achievement of excellence in care.
- Promote the acquisition of technical skills and abilities through an effective multimedia system.
- Encourage Professional stimulation through continuing Education and Research.

*A course endorsed by the prestige of  
TECH Technological University, one of the  
most prestigious universities.*





## Specific Objectives

- Examine ways in which integrative practitioners can participate in community-based health programs, identify barriers to access, and develop health resources for underserved populations.
- Demonstrate social and cultural competence in the context of a comprehensive plan of care.
- Define the clinical practice model, contextualized to the individual's health situation and appropriate setting of goals.
- Know the different philosophical systems of Advanced Integrative Medicine from an anthropological perspective.
- Recognize the pathophysiological processes that are common to all chronic diseases.
- Know the diagnostic tools that are useful in these processes.
- Explain the basic aspects related to the module.



03

# Course Management

The program includes in its teaching staff reference specialists in integrative medicine and health and other related areas, who bring to this training the experience of their work. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.







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*Learn from leading professionals, the latest advances in procedures in the field of Advances in Advanced Integrative Medicine Techniques".*

## Management



### Dr. Menassa, Alejandra

- ♦ Internal Medicine Physician
- ♦ President of the Spanish Society of Integrative Health and Medicine and Health (SESMI)
- ♦ Head of CMI's Mental Health Unit
- ♦ Psychoanalyst and Professor at Grupo Cero School of Psychoanalysis
- ♦ Member of SEMI (Spanish Society of Internal Medicine).
- ♦ Expert in ozone therapy in Internal Medicine from the University of Havana.
- ♦ Master's Degree in Evaluation of bodily and psychosocial damage by the European Institute



### Rodríguez, Pedro

- ♦ Nurse.
- ♦ Master's Degree in Mental Health Catholic University of Valencia
- ♦ Master's Degree in Nutrition University of the Balearic Islands
- ♦ Expert in Immunonutrition Catholic University of Valencia
- ♦ Specialist in Natural Medicine (Osteopathy, Kinesiology and Acupuncture), Faculty of Medicine, University of Murcia.
- ♦ Acupuncture Course by ADEATA and FEDINE
- ♦ Director of the Therapeutic Yoga postgraduate course at the CEU Cardenal Herrera
- ♦ Director of Medintegra
- ♦ Socio Biomédica Sc.
- ♦ Educational partner of the G-SE international team

## Professors

### Blázquez, Elisa

- ♦ Graduate in Biological Sciences. Specialist in Biochemistry and Molecular Biology. Teacher at the Master's Degree in Integrative Supplements at the ESI. OSMI Scientific Committee. Author of the following books: Cancer with a biological approach and Anti-cancer power, and co-editorial director of Integrative Oncology. Basic and Clinical Manual.

### Dr. Crespo de la Rosa, Juan Carlos

- ♦ PhD in Medicine and Surgery University of Seville
- ♦ Degree in Medicine and Surgery. University of Seville
- ♦ Master's Degree in Acupuncture. University of Seville
- ♦ Master's Degree in Biological Medicine. University of Seville
- ♦ Master's Degree in Homeopathy. University of Seville
- ♦ Master's Degree in Antiaging Medicine. University of Seville and University of Alcalá de Henares. Professor at the Department of Pharmacology, Pediatrics and Radiology at the University of Seville

### Dr. García Gutiérrez, Rosario

- ♦ Specialist in Rheumatology and Family Medicine. Psychoanalyst of the Grupo Cero School of Psychoanalysis. Director of the Clinical Department at Grupo Cero. Member of SESMI.

### Dr. Lajo Morales, Teresa

- ♦ Medical specialist in Endocrinology and Nutrition. Master's Degree in Administration and Management of Health Services and in Cognitive Behavioral Therapy. Endocrinologist at University Hospital Moncloa. Professor of Endocrinology at the European University.

### Dr. Pellicer, Cristina

- ♦ PhD. Medical Trainer in Thoracic Surgery. Master's Degree in Clinical Oncology from the University of the Basque Country. Master's Degree in Clinic PNI from the University of Salamanca and PNI in Europe. Trained in multiple health and complementary disciplines.

### Dr. Rigau, Josepa

- ♦ Doctor Cum Ludem in Medicine and Surgery (1969 by the University Rovira i Virgili of Tarragona. Specialist and Master's Degree in Biological and Antiaging Medicine (2005-2007) from the University of Alcalá. Master's Degree in Pharmacogenetics, Pharmacogenomics and Personalized Medicine (2013-2014) from the University of Barcelona. Master's Degree in Environmental Medicine (in progress). President and Trainer at the Spanish Association of Microimmunotherapy

### Salgado, Carmen

- ♦ Degree in Pharmacy. Degree in Biochemistry and Molecular Biology. Postgraduate in Naturopathy. Master's Degree in Orthomolecular Nutrition. Bachelor's Degree in Traditional Chinese Medicine

### D. Serrano Gandía, Juan

- ♦ Graduate in Biological Sciences. Specialist in Biochemistry and Molecular Biology. Teacher at the Master's Degree in Integrative Supplements at the ESI. OSMI Scientific Committee. Author of the following books: Cancer with a biological approach and Anti-cancer power, and co-editorial director of Integrative Oncology. Basic and Clinical Manual.

### Dr. Vinyes, David

- ♦ Medical Neurologist Degree in Medicine and Surgery (Universitat Autònoma de Barcelona, 1992) Master in Neurosciences (UAB, 2016) Master in Anthropology of Medicine (University of Tarragona, 1995) Training in Neural Therapy since 1993 (CIMA Colombia, Dr. Julio César Payán) Medical Director of the Institut de Tèrapia Neural i Medicina Reguladora Director of the Master's Degree in Neural Therapy and Neuro-Focal Dentistry (Universitat de Barcelona UB - Campus Sant Joan de Déu) since 2003 Director of the blended Master's Degree in Medical Neural Therapy and Dentistry (UB - Campus SJD) since 2016.

04

# Structure and Content

The structure of the contents has been designed by a team of professionals from the best hospitals and universities in the country, aware of the relevance of current training to intervene in the treatment and monitoring of patients through the use of advanced integrative medicine and health and committed to quality teaching through new educational technologies.



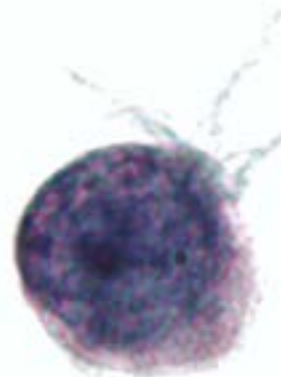
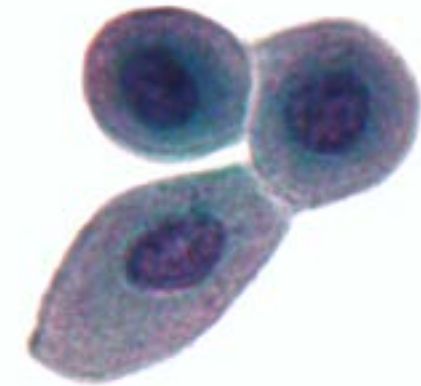


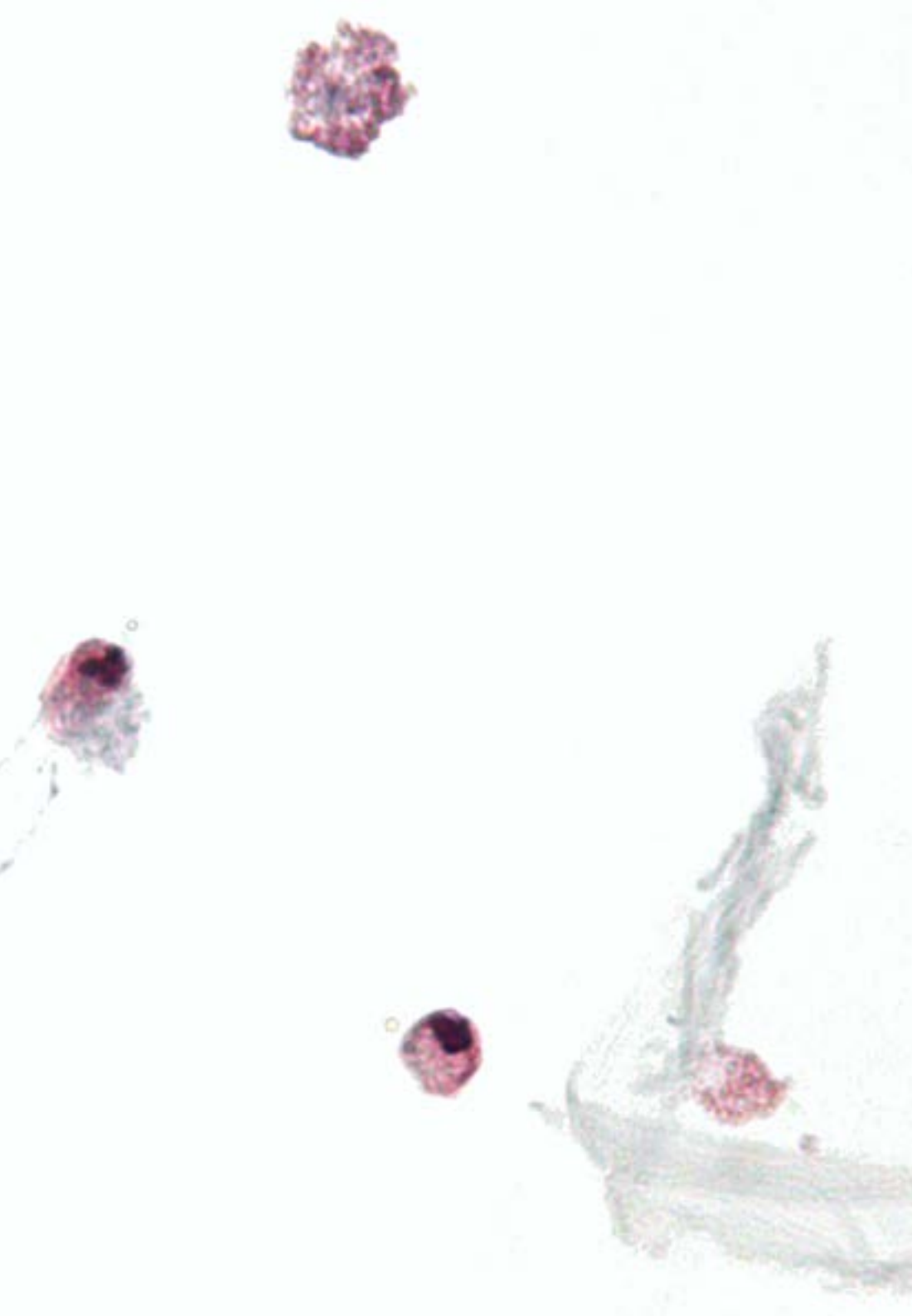
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*A quality training, supported by the best human, technological and practical resources that make this course an essential opportunity to update you in advanced integrative medicine".*

## Module 1. Advances in Integrative Medicine Techniques

- 1.1. Platelet Factors.
- 1.2. Neural Therapy.
- 1.3. Microimmunotherapy.
- 1.4. Mycology and Immunomodulation.
- 1.5. Ozone Therapy. Clinical Evidence.
  - 1.5.1. Biochemical Basis and Mechanism of Action of Ozone.
- 1.6. Orthomolecular Supplementation, Phytotherapy and Interactions.
  - 1.6.1. Phytotherapy.
- 1.7. Advances in Integrative Nutrition.
  - 1.7.1. Anti-inflammatory Diet.
  - 1.7.2. Ketogenic Diet.
  - 1.7.3. Fasting.
  - 1.7.4. Diet Therapy for Microbiota Rebalancing.





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*A concrete and well-oriented syllabus, created to achieve the best training efficiency in a medical course".*

05

# Methodology

This training program provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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 would you do? Throughout the program, you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH you can 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 potential 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 professional medical 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. Students 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 has a clear focus on 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.



## Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing cases.



*The physician 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 250,000 physicians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Re-learning 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 (we 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.



In this program you will have access to the best educational material, prepared with you 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.

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.



#### Latest Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All this, in first person, 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

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 unique multimedia content presentation training system 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 training.





**Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



**Testing & Re-testing**

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our future difficult decisions.



**Quick Action Guides**

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.



06

# Certificate

The Postgraduate Certificate in Advances in Techniques in Advanced Integrative Medicine guarantees you, in addition to the most rigorous and up to date training, the access to a Certificate issued by TECH Technological University.







*Successfully complete this training and receive your certificate without the hassle of travel or paperwork".*



This **Postgraduate Certificate in Advances in Advanced Integrative Medicine Techniques** contains the most complete and up to date scientific program on the market.

After the student has passed the evaluations, he/she will receive by mail with acknowledgment of receipt their corresponding **Postgraduate Certificate** issued by **TECH Technological University**.

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

Diploma: **Postgraduate Certificate in Advances in Techniques in Advanced Integrative Medicine**

ECTS: **8**

Official Number of Hours: **200**



\*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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