

Postgraduate Diploma Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine



Postgraduate Diploma Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/information-technology/postgraduate-diploma/postgraduate-diploma-applications-artificial-intelligence-iot-medical-devices-telemedicine

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01

Introduction

The Internet of Things (IoT) market has grown exponentially in the last decade thanks to the development of digital technologies and innovations generated by the emergence of Industry 4.0. Many fields have benefited from the emergence of increasingly specialized tools and programs, as is the case of medicine. For example, it is now possible to work on the remote treatment of various conditions and disorders through artificial intelligence and the use of the web. It is, therefore, an industry with ample room for IT professionals, not only for the creation of new technologies, but also for the maintenance of existing ones. For that reason, having this qualification in your curriculum will allow you to orient your career towards a booming field. All this through a 100% online program that will provide you with the most comprehensive knowledge on the application of information technology to the field of telemedicine.



“

If you want to focus your professional career in the field of telemedicine, this is the best educational option to achieve it in only 6 months and 100% online”

The development of IoT and artificial intelligence applied to medicine has brought innumerable benefits to this field, from improvements related to doctor-patient communication and vice versa, to the inclusion of increasingly innovative and effective diagnostic and therapeutic techniques. An example of this is the possibility of remotely monitoring a patient's vital signs from a distance, as well as automatic data collection and analysis, which not only saves time and costs, but also reduces errors to a minimum.

However, there is no limit to the expectations for the future in this field and they will continue to evolve as technology evolves. Therefore, it is a field in which IT professionals can find a broad professional opportunity, so specializing in it could be an opportunity to position oneself at the top of the industry.

Hence TECH has considered necessary the development of this Postgraduate Diploma in Applications of Artificial Intelligence, IoT and Medical Devices in Telemedicine.

This is a 100% online educational experience with which the graduate will acquire a thorough knowledge of the ins and outs of e-Health in the current environment: existing platforms, the most effective applications and the best tools for monitoring and patient care. In addition, you will be able to delve into the characteristics of the surgical and biomechanical devices that have been most successful in this field, as well as the essential requirements for undertaking a business project based on e-Health.

This is the most complete program to specialize in this field, in which, in addition to the best syllabus, additional material has been included so that graduates can dynamically contextualize the information and delve in a personalized way into the sections they consider most relevant for their professional performance. All this in only 6 months of education that will mark a before and after in your professional career.

This **Postgraduate Diploma in Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of practical cases presented by experts in artificial intelligence and medical devices in telemedicine
- ◆ The graphic, schematic, and practical contents with which they are created, provide 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



Among the most outstanding features of this Postgraduate Diploma is the provision of the most exhaustive information so that you can start your own e-Health company with guaranteed success”

“

A qualification that will undoubtedly mark a before and after in your career as an IT specialist. Don't you believe us? Enroll and find out how!"

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.

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 course. For this purpose, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

A unique academic opportunity to learn in detail the applications of GPU acceleration in medicine through increasingly specialized medical and genomic devices.

Would you like to be able to include the most specific algorithms for image processing to your knowledge? Choose this TECH program and you will be able to apply for a job in this field.



02 Objectives

The non-existence of limits based on the application of new technologies related to IoT and artificial intelligence to the field of Medicine has made TECH consider necessary the development of a qualification through which IT professionals can specialize in this field. Therefore, it has developed a modern and intensive program, with the aim of serving as a guide in the comprehensive knowledge of this field through 540 hours of the best education completely online.





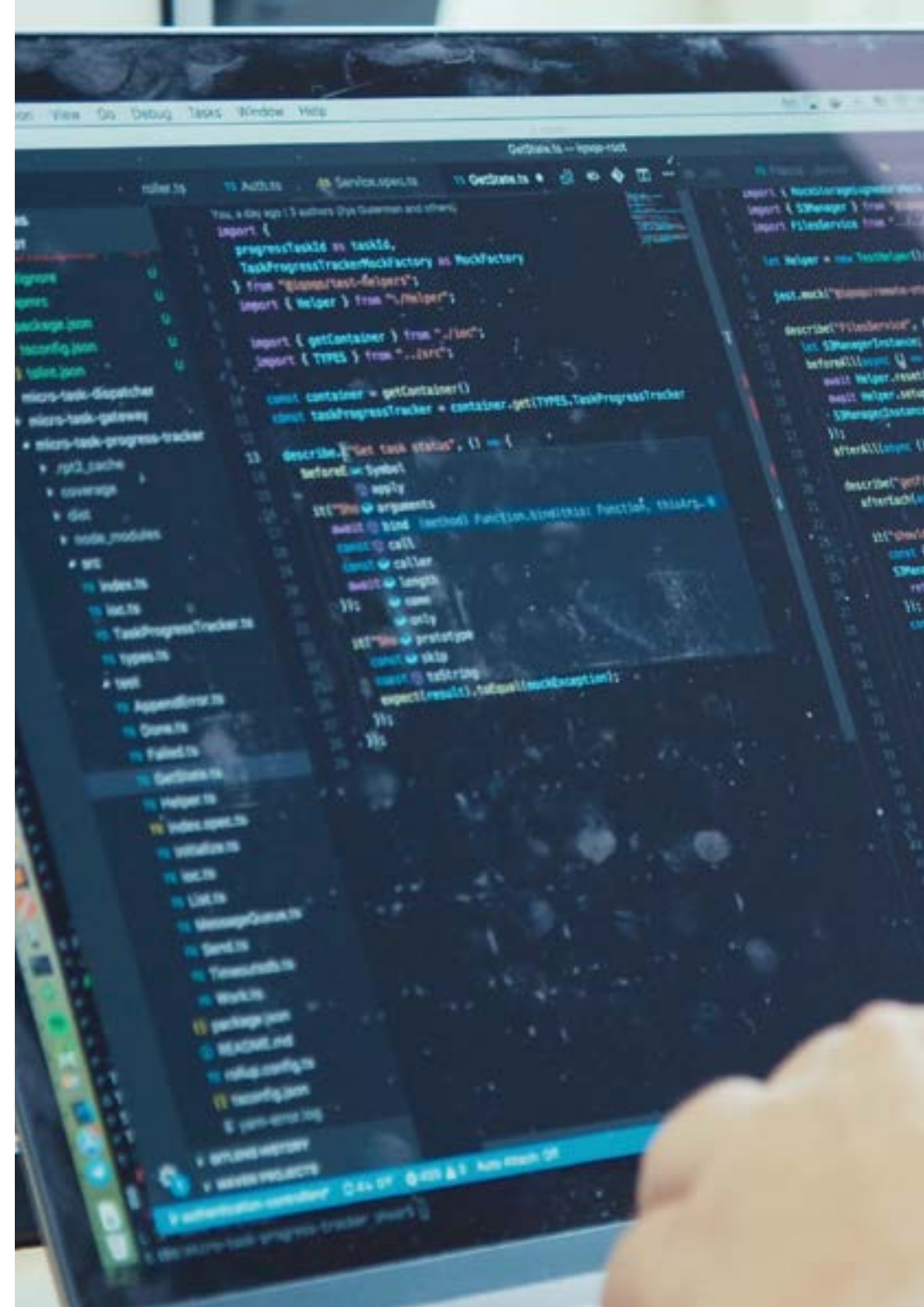
“

If you work in IT, but you are passionate about the Medical world, TECH gives you the opportunity to combine both to dedicate yourself professionally to a field in which they converge: telemedicine”



General Objectives

- ◆ Develop key concepts of medicine that serve as a vehicle to understand clinical medicine
- ◆ Determine the major diseases affecting the human body classified by apparatus or systems, structuring each module into a clear outline of pathophysiology, diagnosis, and treatment
- ◆ Determine how to obtain metrics and tools for healthcare management
- ◆ Understand the basics of basic and translational scientific methodology
- ◆ Examine the ethical and best practice principles governing the different types of research in health sciences
- ◆ Identify and generate the means of funding, assessing and disseminating scientific research
- ◆ Identify the real clinical applications of the various techniques
- ◆ Develop the key concepts of computational science and theory
- ◆ Determine the applications of computation and its implication in bioinformatics
- ◆ Provide the necessary resources to practically apply all the concepts in the modules





- ◆ Develop the fundamental concepts of databases
- ◆ Determine the importance of medical databases
- ◆ Delve into the most important techniques in research
- ◆ Identify the opportunities offered by the IoT in the field of eHealth
- ◆ Provide specialized knowledge of the technologies and methodologies used in the design, development and assessment of telemedicine systems
- ◆ Determine the different types and applications of telemedicine
- ◆ Delve into the most common ethical aspects and regulatory frameworks of telemedicine
- ◆ Analyze the use of medical devices
- ◆ Develop the key concepts of entrepreneurship and innovation in eHealth
- ◆ Determine what a business model is and the types that exist
- ◆ Collect eHealth success stories and mistakes to avoid
- ◆ Apply the knowledge acquired to an original business idea



Specific Objectives

Module 1. Applications of Artificial Intelligence and the Internet of Things (IoT) in Telemedicine

- ◆ Propose communication protocols in different scenarios in the healthcare field
- ◆ Analyze communication in the IoT as well as its use in eHealth areas
- ◆ Substantiate the complexity of artificial intelligence models in its use in healthcare
- ◆ Identify the optimization brought by parallelization in GPU-accelerated applications and its use in healthcare
- ◆ Present all the Cloud technologies available to implement eHealth and the IoT products, both in computing and communication

Module 2. Telemedicine and Medical, Surgical and Biomechanical Devices

- ◆ Analyze the evolution of telemedicine
- ◆ Assess the benefits and limitations of telemedicine
- ◆ Examine the different types, use and clinical benefits of telemedicine
- ◆ Assess the most common ethical issues and regulatory frameworks surrounding telemedicine
- ◆ Establish the use of medical devices in healthcare in general and in telemedicine specifically
- ◆ Determine the use of the Internet and the medical resources it provides
- ◆ Delve into the main trends and future challenges in telemedicine





Module 3. Business Innovation and Entrepreneurship in E-Health

- ◆ Analyze the e-health market in a systematic and structured way
- ◆ Learn the key concepts of innovative ecosystems
- ◆ Create businesses using the Lean Startup methodology
- ◆ Analyze the market and competitors
- ◆ Find a solid value proposition in the marketplace
- ◆ Identify opportunities and minimize rates of error
- ◆ Handle the practical tools for environment analysis and practical tools to quickly test and validate your idea

“*Being able to achieve your most ambitious goals is TECH's main objective. For that reason, in this Postgraduate Diploma you will find all the material that will push you to achieve it”*

03

Course Management

From the point of view of this university, having the support of a teaching team in the field in which the qualification is developed is highly beneficial for its graduates. For this reason, for this TECH's Postgraduate Diploma has selected a group of professionals versed in the area of computer science and engineering specializing in Telemedicine. It is, therefore, a unique opportunity to be instructed by real professionals, to benefit from their experience and to make their success strategies your own.





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You will have the support of a teaching team versed in computer science and engineering to guide you through this educational experience and to provide you with everything you need to get the most out of it”

Management



Ms. Sirera Pérez, Ángela

- ◆ Biomedical Engineer expert in Nuclear Medicine and Exoskeleton Design.
- ◆ Designer of specific parts for 3D printing at Technadi
- ◆ Technician in the Nuclear Medicine Department of the Clinical University of Navarra
- ◆ Degree in Biomedical Engineering from the University of Navarra
- ◆ MBA and Leadership in Healthcare and Medical Technology Companies

Professors

Ms. Muñoz Gutiérrez, Rebeca

- ◆ *Data Scientist* at INDITEX
- ◆ *Firmware Engineer* for Clue Technologies
- ◆ Graduate in Health Engineering specialized in Biomedical Engineering from the University of Málaga and the University of Sevilla
- ◆ Master's Degree in Intelligent Avionics by Clue Technologies in collaboration with the University of Málaga
- ◆ NVIDIA: *Fundamentals of Accelerated Computing with CUDA C/C++*
- ◆ NVIDIA: *Accelerating CUDA C++ Applications with Multiple GPU*

Dr. Somolinos Simón, Francisco Javier

- ◆ Biomedical Engineering Researcher at the Bioengineering and Telemedicine GBT-UPM
- ◆ R&D&I Consultant at Evaluate Innovation
- ◆ Biomedical Engineer and Researcher, Bioengineering and Telemedicine Group, Polytechnic University of Madrid
- ◆ PhD's Degree in Biomedical Engineering from the Polytechnic University of Madrid.
- ◆ Graduate in Biomedical Engineering from the Polytechnic University of Madrid.
- ◆ Master's Degree in Management and Development of Biomedical Technologies from Carlos III University of Madrid



Ms. Crespo Ruiz, Carmen

- ◆ Intelligence, Strategy and Privacy Analysis Specialist
- ◆ Director of Strategy and Privacy at Freedom&Flow SL
- ◆ Co-founder of Healthy Pills SL
- ◆ Innovation Consultant & Project Technician, CEEI CIUDAD REAL
- ◆ Co-founder of Thinking Makers
- ◆ Data protection consultancy and training, Tangente Cooperative Group
- ◆ University Professor
- ◆ Law Degree, UNED (National University for Distance Education)
- ◆ Degree in Journalism, Pontifical University of Salamanca
- ◆ Master's Degree in Intelligence Analysis by the Cátedra Carlos III & Rey Juan Carlos University, with the endorsement of the National Intelligence Center (CNI)
- ◆ Advanced Executive Program on Data Protection Officer

04

Structure and Content

This 100% online Postgraduate Diploma includes the most comprehensive and up-to-date information in the Telemedicine field. As a result, the IT professional will be able to implement the latest data and strategies for data computing and the development of specialized medical devices into their knowledge. All this through cutting-edge, dynamic education that will elevate your knowledge to the pinnacle of the industry in just 6 months or 540 hours.



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You will have 540 hours of diverse material on the Virtual Campus: videos in detail, research articles, complementary readings and much more!”

Module 1. Applications of Artificial Intelligence and the Internet of Things (IoT) in Telemedicine

- 1.1. eHealth Platforms. Personalizing Healthcare Services
 - 1.1.1. e-Health Platforms
 - 1.1.2. Resources for e-Health Platforms
 - 1.1.3. Digital Europe Program. Digital Europe-4-Health and Horizon Europe
- 1.2. Artificial Intelligence in Healthcare I: New Solutions in Computer Applications
 - 1.2.1. Remote Analysis of Results
 - 1.2.2. Chatbox
 - 1.2.3. Prevention and Real-Time Monitoring
 - 1.2.4. Preventive and Personalized Medicine in Oncology
- 1.3. Artificial Intelligence in Healthcare II
 - 1.3.1. Monitoring Patients with Reduced Mobility
 - 1.3.2. Cardiac Monitoring, Diabetes, Asthma
 - 1.3.3. Health and Wellness Apps
 - 1.3.3.1. Heart Rate Monitors
 - 1.3.3.2. Blood Pressure Bracelets
 - 1.3.4. Ethical Use of AI in the Medical Field. Data Protection
- 1.4. Artificial Intelligence Algorithms for Image Processing
 - 1.4.1. Artificial Intelligence Algorithms for Image Handling
 - 1.4.2. Image Diagnosis and Monitoring in Telemedicine
 - 1.4.2.1. Melanoma Diagnosis
 - 1.4.3. Limitations and Challenges in Image Processing in Telemedicine
- 1.5. Application Acceleration using Graphics Processing Units (GPU) in Medicine
 - 1.5.1. Program Parallelization
 - 1.5.2. GPU Operations
 - 1.5.3. Application Acceleration using GPU in Medicine
- 1.6. Natural Language Processing (NLP) in Telemedicine
 - 1.6.1. Text Processing in the Medical Field. Methodology
 - 1.6.2. Natural Language Processing in Therapy and Medical Records
 - 1.6.3. Limitations and Challenges in Natural Language Processing in Telemedicine

- 1.7. The Internet of Things (IoT) in Telemedicine. Applications
 - 1.7.1. Monitoring Vital Signs. Wearables
 - 1.7.1.1. Blood Pressure, Temperature, and Heart Rate
 - 1.7.2. The IT and Cloud Technology
 - 1.7.2.1. Data Transmission to the Cloud
 - 1.7.3. Self-Service Terminals
- 1.8. The IT in Patient Monitoring and Care
 - 1.8.1. The IT Applications for Emergency Detection
 - 1.8.2. The Internet of Things in Patient Rehabilitation
 - 1.8.3. Artificial Intelligence Support in Victim Recognition and Rescue
- 1.9. Nano-Robots. Typology
 - 1.9.1. Nanotechnology
 - 1.9.2. Types of Nano-Robots
 - 1.9.2.1. Assemblers. Applications
 - 1.9.2.2. Self-Replicating. Applications
- 1.10. Artificial Intelligence in COVID-19 Control
 - 1.10.1. Covid- 19 and Telemedicine
 - 1.10.2. Management and Communication of Breakthroughs and Outbreaks
 - 1.10.3. Outbreak Prediction in Artificial Intelligence

Module 2. Telemedicine and Medical, Surgical and Biomechanical Devices

- 2.1. Telemedicine and Telehealth
 - 2.1.1. Telemedicine as a Telehealth Service
 - 2.1.2. Telemedicine
 - 2.1.2.1. Telemedicine Objectives
 - 2.1.2.2. Benefits and Limitations of Telemedicine
 - 2.1.3. Digital Health. Technologies
- 2.2. Telemedicine Systems
 - 2.2.1. Components in Telemedicine Systems
 - 2.2.1.1. Personal
 - 2.2.1.2. Technology

- 2.2.2. Information and Communication Technologies (ICT) in the Health Sector
 - 2.2.2.1. t-Health
 - 2.2.2.2. m-Health
 - 2.2.2.3. u-Health
 - 2.2.2.4. pHealth
- 2.2.3. Telemedicine Systems Assessment
- 2.3. Technology Infrastructure in Telemedicine
 - 2.3.1. Public Switched Telephone Network (PSTN)
 - 2.3.2. Satellite Networks
 - 2.3.3. Integrated Services Digital Network (ISDN)
 - 2.3.4. Wireless Technology
 - 2.3.4.1. WAP. Wireless Application Protocol
 - 2.3.4.2. Bluetooth
 - 2.3.5. Microwave Connections
 - 2.3.6. Asynchronous Transfer Mode (ATM)
- 2.4. Types of Telemedicine. Uses in Healthcare
 - 2.4.1. Remote Patient Monitoring
 - 2.4.2. Storage and Shipping Technologies
 - 2.4.3. Interactive Telemedicine
- 2.5. Telemedicine: General Applications
 - 2.5.1. Telecare
 - 2.5.2. Telemonitoring
 - 2.5.3. Telediagnosics
 - 2.5.4. Teleeducation
 - 2.5.5. Telemanagement
- 2.6. Telemedicine: Clinical Applications
 - 2.6.1. Teleradiology
 - 2.6.2. Teledermatology
 - 2.6.3. Teleoncology
 - 2.6.4. Telepsychiatry
 - 2.6.5. Telehome-care

- 2.7. Smart Technologies and Care
 - 2.7.1. Integrating Smart Homes
 - 2.7.2. Digital Health to Improve Treatment
 - 2.7.3. Telehealth Clothing Technology. "Smart Clothes"
- 2.8. Ethical and Legal Aspects of Telemedicine
 - 2.8.1. Ethical Foundations
 - 2.8.2. Common Regulatory Frameworks
 - 2.8.3. ISO Standards
- 2.9. Telemedicine and Diagnostic, Surgical and Biomechanical Devices
 - 2.9.1. Diagnostic Devices
 - 2.9.2. Surgical Devices
 - 2.9.3. Biomechanic Devices
- 2.10. Telemedicine and Medical Devices
 - 2.10.1. Medical Devices
 - 2.10.1.1. Mobile Medical Devices
 - 2.10.1.2. Telemedicine Carts
 - 2.10.1.3. Telemedicine Kiosks
 - 2.10.1.4. Digital Cameras
 - 2.10.1.5. Telemedicine Kit
 - 2.10.1.6. Telemedicine Software

Module 3. Business Innovation and Entrepreneurship in eHealth

- 3.1. Entrepreneurship and Innovation
 - 3.1.1. Innovation
 - 3.1.2. Entrepreneurship
 - 3.1.3. Startups
- 3.2. Entrepreneurship in eHealth
 - 3.2.1. Innovative eHealth Market
 - 3.2.2. Verticals in eHealth: mHealth
 - 3.2.3. TeleHealth

- 3.3. Business Models (I): First Stages in Entrepreneurship
 - 3.3.1. Types of Business Models
 - 3.3.1.1. Marketplaces
 - 3.3.1.2. Digital Platforms
 - 3.3.1.3. Saas
 - 3.3.2. Critical Elements in the Initial Phase. The Business Idea
 - 3.3.3. Common Mistakes in the First Stages of Entrepreneurship
- 3.4. Business Models (II): Business Model Canvas
 - 3.4.1. Business Model Canvas
 - 3.4.2. Value Proposition
 - 3.4.3. Key Activities and Resources
 - 3.4.4. Customer Segments
 - 3.4.5. Customer Relationships
 - 3.4.6. Distribution Channels
 - 3.4.7. Partnerships
 - 3.4.7.1. Cost Structure and Revenue Streams
- 3.5. Business Models (III): Lean Startup Methodology
 - 3.5.1. Create
 - 3.5.2. Validate
 - 3.5.3. Measure
 - 3.5.4. Decide
- 3.6. Business Models (IV) External, Strategic and Regulatory Analysis
 - 3.6.1. Red Ocean and Blue Ocean Strategies
 - 3.6.2. Value Curves
 - 3.6.3. Applicable E-Health Regulations
- 3.7. Successful E-Health Models (I): Knowing Before Innovating
 - 3.7.1. Analysis of Successful E-Health Companies
 - 3.7.2. Analysis of Company X
 - 3.7.3. Analysis of Company Y
 - 3.7.4. Analysis of Company Z
- 3.8. Successful E-Health Models (II): Listening before Innovating
 - 3.8.1. Practical Interview: E-Health Startup CEO
 - 3.8.2. Practical Interview: "Sector X" Startup CEO
 - 3.8.3. Practical Interview: "Startup X" Technical Management

- 3.9. Entrepreneurial Environment and Funding
 - 3.9.1. Entrepreneur Ecosystems in the Health Sector
 - 3.9.2. Financing
 - 3.9.3. Funding
- 3.10. Practical Tools in Entrepreneurship and Innovation
 - 3.10.1. OSINT (Open Source Intelligence) Tools
 - 3.10.2. Analysis
 - 3.10.3. No-Code Tools in Entrepreneurship



You will not find a program on the market that offers you as much as this TECH Postgraduate Diploma. That's why we are the best option and why you should choose us"



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.



“

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"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

“

At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world”



You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.



The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

The case method has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



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.

This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



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.



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.



Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



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.





Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



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".



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.



06

Certificate

The Postgraduate Diploma in Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.





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

This private qualification will allow you to obtain a **Postgraduate Diploma in Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine** endorsed by TECH Global University, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University title**, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Diploma in Applications of Artificial Intelligence, IoT, and Medical Devices in Telemedicine**

Modality: **Online**

Duration: **6 months**

Accreditation: **18 ECTS**



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.



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