Postgraduate Diploma

Personalization of Care and Emotional Support with Artificial Intelligence in Nursing

tech global university

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Personalization of Care and Emotional Support with Artificial Intelligence in Nursing

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

Website: **www.techtitute.com/us/artificial-intelligence/postgraduate-diploma/postgraduate-diploma-personalization-emotional-support-artificial-intelligence-nursing**

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01

Introduction to the Program

Personalization of Care and Emotional Support in Nursing are fundamental aspects of ensuring a holistic approach to patient care. According to the World Health Organization, patient-centered care, which integrates the patient's physical and emotional needs, is crucial to improve health outcomes. Aware of this technological innovation, TECH has developed this postgraduate program that will provide the foundations to contribute to a more intelligent, humane and personalized healthcare system. Through a 100% online methodology and a completely updated curriculum, specialists will acquire a deep understanding of how to use AI to personalize care according to the needs of each patient; analyzing large volumes of data to predict situations.

Discover a 100% online program that will allow you to personalize care and provide emotional support to your patients with the latest technology. Enroll now and take your professional practice to the next level!"

Personalization of Care and Emotional Support in Nursing have become essential aspects of providing quality care to patients. In this sense, the incorporation of Artificial Intelligence opens new possibilities to tailor care in an individualized way, optimizing efficiency and patient well-being. Indeed, the use of advanced technologies for emotional management and physical health monitoring enables nursing professionals to act in a precise and anticipatory manner, which improves patient experience and outcomes.

In this context, the program in Personalization of Care and Emotional Support with AI in Nursing at TECH will offer a comprehensive and practical approach for professionals to acquire the necessary skills that will enable them to excel in this field. Through a comprehensive and optimized curriculum, they will address clinical data analysis, implementation of predictive algorithms and tailored emotional support. In this way, they will know how to use these tools to effectively manage patients' emotions and needs.

From this, graduates will be better positioned to lead digital health initiatives and optimize personalized care. Thanks to the knowledge acquired, they will have access to more competitive job opportunities in advanced healthcare institutions, research hospitals and projects related to telemedicine.

In addition, this postgraduate program will be taught 100% online, which provides flexibility so that professionals can combine their studies with their work activities. In turn, the Relearning methodology, based on repetition and consolidation of knowledge, will allow for greater understanding and retention of the concepts. Finally, access to the syllabus will be continuous, available 24 hours a day, which facilitates autonomous and effective training from any device.

The **Postgraduate Diploma in Personalization of Care and Emotional Support with Artificial Intelligence in Nursing** contains the most complete and up-to-date program on the market. The most important features include:

- Development of practical cases presented by experts in Artificial Intelligence
- The graphic, schematic, and practical contents with which they are created, provide 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 in Personalization of Care and Emotional Support with AI in Nursing
- 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

With TECH you will know how to apply AI to offer more personalized and effective nursing care. Enroll and enjoy online learning, flexible and at your own pace. Get ready to be a reference in the sector!"

Want to boost your career in nursing with AI? TECH will propel you to achieve your goals. Here you will train with the best experts in the industry and take your skills to the next level"

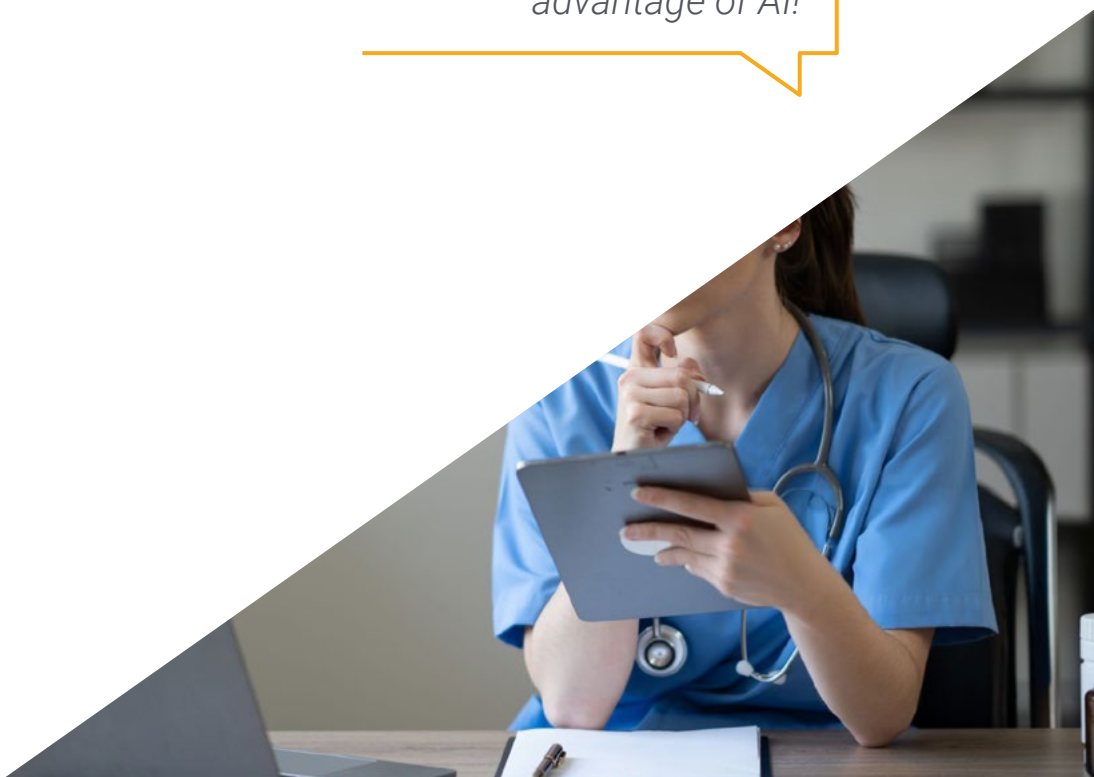
This program will prepare you with practical and advanced knowledge on the use of AI to improve the care of your patients. Take advantage of this great opportunity now!

Transform patient care with this program! You will access an innovative curriculum and enjoy a 100% online methodology that adapts to you. Grow your career by taking advantage of AI!

It includes in its teaching staff professionals belonging to the field of Artificial Intelligence, who pour into this program the experience of their work, in addition to recognized specialists from reference 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 an immersive learning experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs, available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it has a huge faculty of more than 6,000 professors of the highest international prestige.

Study at the largest online university in the world and ensure your professional success. The future begins at TECH”

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.

The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.

Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.

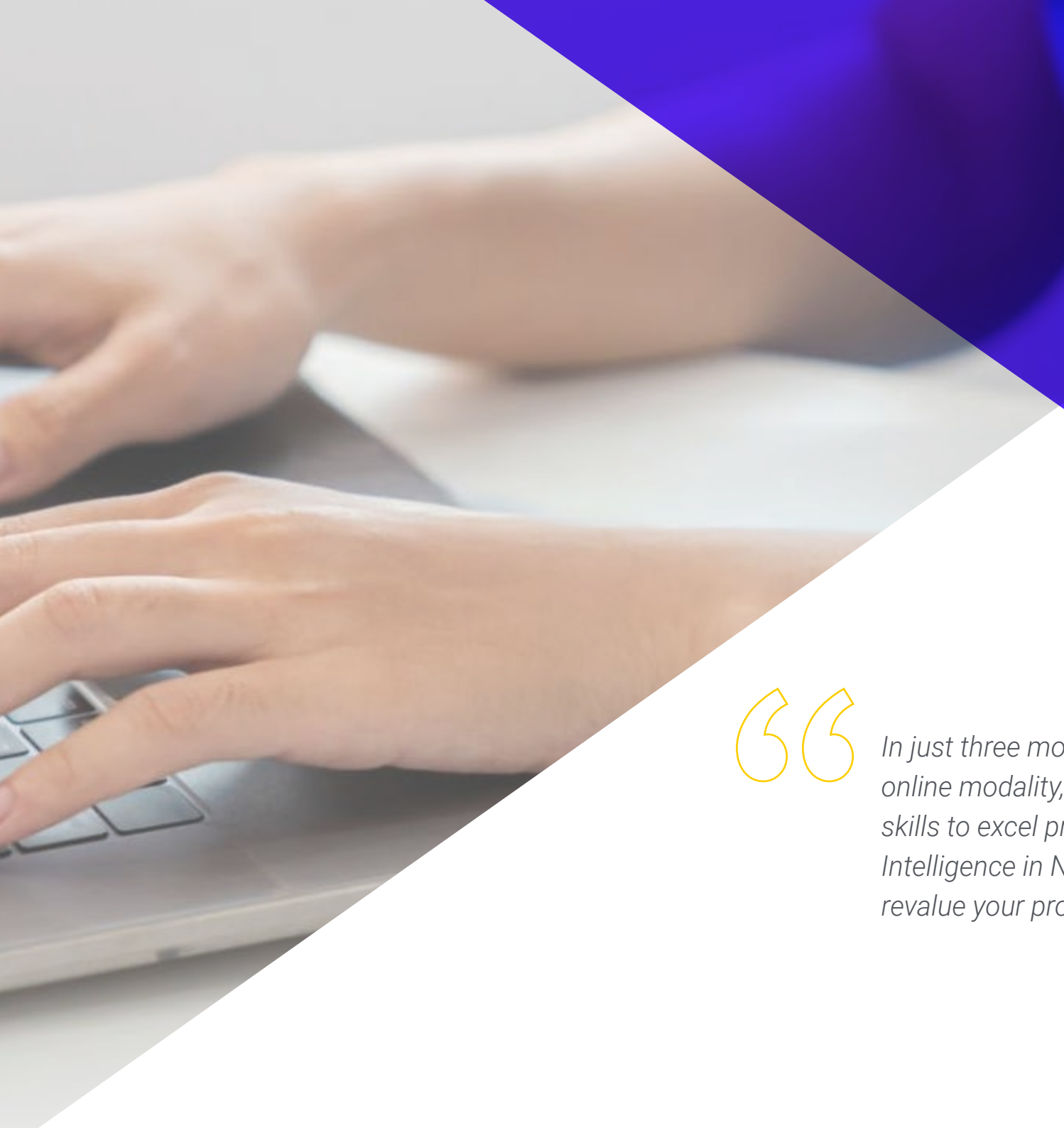
The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.

03

Syllabus

Through a specialized curriculum, professionals will master the use of predictive algorithms and the analysis of large volumes of clinical data, with the aim of offering individualized and anticipatory care. Next, they will delve into the management of AI tools applied to emotional support to better manage the psychological aspects that influence patient recovery. From this, graduates will not only manage the fundamentals of AI to improve clinical care, but will also know how to use technology efficiently, improving the quality of care and optimizing resources.



In just three months and with a 100% online modality, you will acquire the skills to excel professionally in Artificial Intelligence in Nursing. Enroll now and revalue your profile!"

Module 1. Application of Conversational Assistants in Artificial Intelligence for Nursing

1.1. Introduction to Conversational Assistants in Artificial Intelligence for Nursing
- 1.1.1. Context of Artificial Intelligence in Health and Its Application in Nursing
- 1.1.2. Benefits of Conversational Assistants in Nursing Care
- 1.1.3. Specific Applications in Nursing
- 1.1.4. Trends in Conversational Assistants in the Healthcare Sector

1.2. Types of Conversational Assistants in Healthcare
- 1.2.1. Types of Conversational Assistants in Healthcare (Synthesia, Heygen)
- 1.2.2. Differences between Assistants in Support, Diagnostic, and Follow-Up Functions
- 1.2.3. Examples of Conversational Assistants and Nursing Use Cases
- 1.2.4. Comparison between Automated Assistants and Hybrid Assistants (with Human Intervention)

1.3. Implementation of Conversational Assistants in Healthcare
- 1.3.1. Advantages of Assistants in the Healthcare Environment for Nurses
- 1.3.2. Challenges in the Implementation of Assistants in Clinical Processes
- 1.3.3. Technical Requirements for Implementation in Healthcare
- 1.3.4. Evaluation of Effectiveness and Benefits in the Educational Healthcare Setting

1.4. Creating Personalized Assistants in ChatGPT
- 1.4.1. Introduction to the Creation of a Chatbot in ChatGPT
- 1.4.2. Process of Customizing a Nursing Assistant (Part 1)
- 1.4.3. Process of Customizing a Nursing Assistant (Part 2)
- 1.4.4. Practical Examples of Personalized Healthcare Assistants

1.5. Impact of Artificial Intelligence and Automation in the Healthcare Sector
- 1.5.1. Changes in Job Roles Due to Artificial Intelligence
- 1.5.2. Adaptation of Nursing Professionals to Artificial Intelligence Technologies
- 1.5.3. Effects of Conversational Assistants on the Training of the Healthcare Workforce
- 1.5.4. Evaluation of the Impact of Automation on the Healthcare Sector

1.6. Integrating Conversational Assistants in Nursing Education
- 1.6.1. Role of Conversational Assistants in Clinical Learning
- 1.6.2. Using Conversational Assistants in Clinical Case Simulations
- 1.6.3. Application in Clinical Practice and Decision Making
- 1.6.4. Tools for Continuing Education with Assistants

1.7. Conversational Assistants in the Emotional Support of Patients
  1.7.1. Applications of Assistants for Emotional Accompaniment
  1.7.2. Examples of Conversational Assistants in Psychological Support
  1.7.3. Limitations in the Emotional Support of Conversational Assistants
  1.7.4. Considerations for the Use of Artificial Intelligence in Emotional Support
1.8. Improving Efficiency and Patient Care with Artificial Intelligence Assistants
  1.8.1. Managing Queries and Frequently Asked Questions with Assistants
  1.8.2. Optimizing Patient-Nurse Communication
  1.8.3. Assistant Applications in Care Coordination
  1.8.4. Evaluation of the Impact of Assistants on Clinical Efficiency
1.9. Development and Customization of Conversational Tools for Nurses
  1.9.1. Process of Developing a Conversational Nurse Assistant from Scratch
  1.9.2. Customization for Specific Nursing Needs
  1.9.3. Updating and Continuous Improvement of Conversational Assistants
  1.9.4. Implementing Assistants in Various Healthcare Settings
1.10. Virtual Learning and Continuing Education in Artificial Intelligence for Nursing
  1.10.1. Importance of Artificial Intelligence Continuous Learning for Nursing
  1.10.2. Artificial Intelligence E-Learning Platforms and Assistants
  1.10.3. Artificial Intelligence Professional Development for Healthcare Workers
  1.10.4. Future of Artificial Intelligence Training for Nursing and Healthcare Workers

Module 2. Using Artificial Intelligence and Virtual Reality in Emotional Support in Nursing

2.1. Introduction to Artificial Intelligence-Assisted Emotional Support (Woebot)
  2.1.1. Concept and Relevance of Emotional Support in Artificial Intelligence
  2.1.2. Benefits and Limitations of Artificial Intelligence Emotional Support
  2.1.3. Main Applications in the Field of Mental Health
  2.1.4. Differences with Traditional Emotional Support
2.2. Chatbots in Emotional Support
  2.2.1. Types of Chatbots Available for Emotional Support (Replika, Wysa)
  2.2.2. Examples of Mental Health Chatbots
  2.2.3. Limitations of Chatbots in Emotional Support
  2.2.4. Case Studies of the Use of Chatbots in the Healthcare Sector

2.3. Artificial Intelligence Tools for Mental Health (Youper, Koko)
- 2.3.1. Artificial Intelligence Success Stories in Mental Health
- 2.3.2. Current Emotional Support Tools
- 2.3.3. Integrating Artificial Intelligence in Mental Health Therapies
- 2.3.4. Measuring the Effectiveness of Artificial Intelligence Tools

2.4. Privacy and Security in Artificial Intelligence-Assisted Emotional Support
- 2.4.1. Importance of Privacy in Artificial Intelligence-Assisted Emotional Support
- 2.4.2. Privacy Regulations in the Use of Artificial Intelligence in Healthcare
- 2.4.3. Data Security in Emotional Support Systems
- 2.4.4. Ethics and Protection of Sensitive Information

2.5. Comparison between Traditional Emotional Support and Emotional Support with Artificial Intelligence
- 2.5.1. Current Challenges in Both Approaches
- 2.5.2. Benefits of Combining Artificial Intelligence with Traditional Methods
- 2.5.3. Case Studies in Mixed Emotional Support
- 2.5.4. Implementation Challenges and Acceptance of Artificial Intelligence Support

2.6. Virtual Reality in Patient Care (Psious, RelieVRx)
- 2.6.1. Introduction to Virtual Reality in Healthcare
- 2.6.2. Virtual Reality Devices and Their Medical Application
- 2.6.3. Virtual Reality in Patient Preparation
- 2.6.4. Evolution of Virtual Reality in Healthcare

2.7. Virtual Reality Applications in Rehabilitation (MindMotion, VRHealth)
- 2.7.1. Using Virtual Reality in Motor Rehabilitation
- 2.7.2. Pain Management Using Virtual Reality
- 2.7.3. Treatment of Phobias and Anxiety Disorders
- 2.7.4. Examples of Successful Rehabilitation with Virtual Reality

2.8. Ethical Considerations in the Use of Virtual Reality
- 2.8.1. Ethics in Virtual Reality Treatments
- 2.8.2. Patient Safety in Virtual Environments
- 2.8.3. Risks of Addiction and Overexposure to Virtual Reality
- 2.8.4. Regulations in the Use of Virtual Reality in Healthcare

2.9. Comparison of Traditional Treatments and Virtual Reality
- 2.9.1. Differences in the Effectiveness of Both Approaches
- 2.9.2. Use Cases for Mixed Treatments
- 2.9.3. Cost-Benefit Analysis
- 2.9.4. Expert Opinion on the Use of Virtual Reality

2.10. Future of Virtual Reality in Patient Care
- 2.10.1. Technological Advances in Virtual Reality Applied to Healthcare
- 2.10.2. Predictions on the Impact of Virtual Reality on Healthcare
- 2.10.3. Integrating Virtual Reality into Regular Medical Practices
- 2.10.4. Future Possibilities for Virtual Reality Training

Module 3. Clinical Management and Personalization of Care with Artificial Intelligence

3.1. Introduction to Clinical Management with Artificial Intelligence (IBM Watson Health)
- 3.1.1. Basic Concepts of Artificial Intelligence-Assisted Clinical Management
- 3.1.2. Importance of Artificial Intelligence in the Optimization of Clinical Resources
- 3.1.3. Successful Cases in the Implementation of Artificial Intelligence in Hospitals
- 3.1.4. Analysis of Results and Improvements in Clinical Management

3.2. Optimizing Hospital Resources with Artificial Intelligence (Qventus)
- 3.2.1. Bed and Resource Management with Artificial Intelligence
- 3.2.2. Artificial Intelligence in Medical Equipment Management
- 3.2.3. Integration of Artificial Intelligence with Existing Hospital Systems
- 3.2.4. Benefits and Challenges of Automation in Clinical Resources

3.3. Comparison between Traditional Tools and Emotional Support from Artificial Intelligence
- 3.3.1. Differences in the Efficiency of Traditional and Artificial Intelligence Tools
- 3.3.2. Advantages of Artificial Intelligence Tools in Clinical Management
- 3.3.3. Cost Analysis of Traditional vs. Artificial Intelligence Tools
- 3.3.4. Case Studies of the Application of Artificial Intelligence Tools

3.4. Artificial Intelligence in Schedule and Appointment Management (Zocdoc, Qure4u)
- 3.4.1. Optimization of Clinical Schedules of Artificial Intelligence
- 3.4.2. Artificial Intelligence for Appointment Management and Consultation Scheduling
- 3.4.3. Reducing Waiting Times through Artificial Intelligence
- 3.4.4. Efficiency in the Allocation of Time Resources with Artificial Intelligence

3.5. Remote Patient Monitoring with Artificial Intelligence (Current Health, Biofourmis)
- 3.5.1. Introduction to Remote Patient Monitoring
- 3.5.2. Artificial Intelligence Tools for Remote Monitoring
- 3.5.3. Early Warning Systems in Assisted Monitoring
- 3.5.4. Telemedicine Platforms with Artificial Intelligence

3.6. Artificial Intelligence Applications in Chronic Diseases (Glytec, Kaia Health)
- 3.6.1. Using Artificial Intelligence to Monitor Chronic Diseases
- 3.6.2. Using ORMON CONNECT
- 3.6.3. Comparison of Traditional and Artificial Intelligence-Assisted Monitoring
- 3.6.4. Benefits of Artificial Intelligence in the Management of Chronic Diseases

3.7. Ethical Considerations in Artificial Intelligence Monitoring
- 3.7.1. Ethics in the Use of Artificial Intelligence in Patient Monitoring
- 3.7.2. Data Protection in Remote Monitoring
- 3.7.3. Privacy Regulations in Artificial Intelligence Systems
- 3.7.4. Examples of Successful and Ethical Practices in Monitoring

3.8. Personalized Care Management with Artificial Intelligence
- 3.8.1. Introduction to Personalized Care with Artificial Intelligence
- 3.8.2. Clinical Decision Support Systems
- 3.8.3. Creating Personalized Advice with ChatGPT
- 3.8.4. Artificial Intelligence Tools for Care Personalization

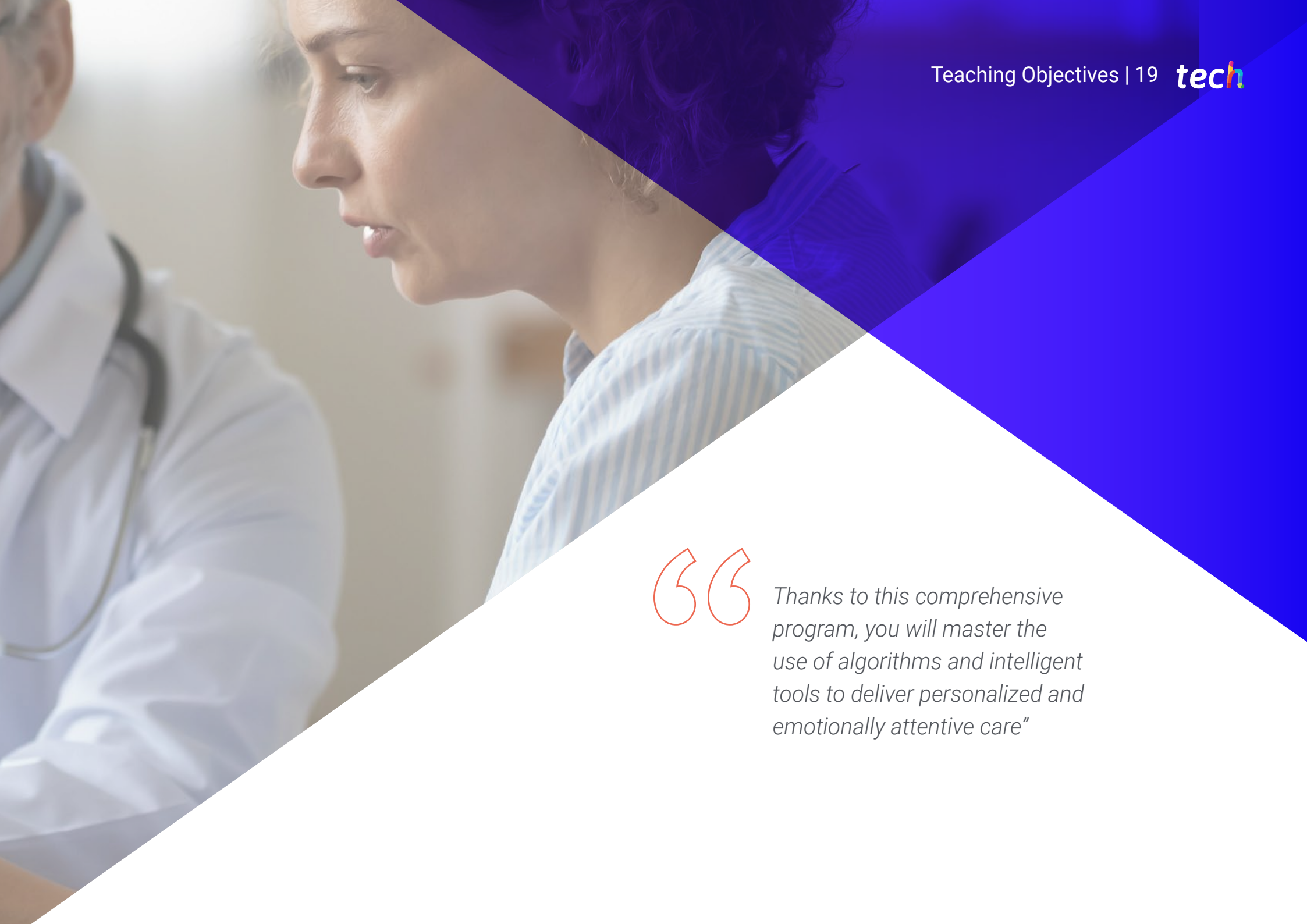
3.9. Care Planning with Artificial Intelligence (Mediktor)
- 3.9.1. Creating Personalized Care Plans
- 3.9.2. Benefits and Applications of Assisted Care Plans
- 3.9.3. Comparison of Traditional and Personalized Care
- 3.9.4. Case Studies of Artificial Intelligence Care Plans

3.10. Implementing Personalized Nursing Plans
- 3.10.1. Implementing Artificial Intelligence in Personalized Nursing
- 3.10.2. Case Studies on Care Personalization with Artificial Intelligence
- 3.10.3. Implementation Strategies in Care Plans
- 3.10.4. Future of Artificial Intelligence in Nursing and Personalized Care

04

Teaching Objectives

This program will provide professionals with the necessary skills to integrate Artificial Intelligence (AI) into their daily practice, transforming the way personalized care and emotional support is provided to patients. Through a comprehensive and practical approach, graduates will be trained to use advanced technologies to optimize clinical data management, prevent health risks and design emotional intervention strategies tailored to the individual needs of each patient. In this way, they will position themselves as experts in a constantly evolving field, finding new job opportunities in the field of digitalized Nursing.



Thanks to this comprehensive program, you will master the use of algorithms and intelligent tools to deliver personalized and emotionally attentive care"

General Objectives

- Develop advanced skills to integrate Artificial Intelligence tools into clinical practice, improving patient care and the efficiency of care processes
- Be able to design and implement personalized conversational assistants that optimize communication and clinical information management
- Manage intelligent systems for resource planning, remote monitoring of users and individualization of care plans
- Utilize emerging technologies such as Virtual Reality to provide psychological support to individuals
- Use applications based on Artificial Intelligence to create personalized physical activity and nutrition programs
- Develop scientific dissemination resources based on specialized software, such as presentations, posters or interactive avatars
- Ensure responsible handling of sensitive personal data, complying with ethical standards and privacy regulations in the adoption of technological tools
- Implement AI-assisted remote monitoring systems to improve early detection of clinical complications and optimize the management of chronic diseases
- Design personalized care plans based on data analysis and supported by intelligent systems
- Acquire a multidisciplinary approach to facilitate rapid adaptation to changes in the healthcare environment

Specific Objectives

Module 1. Application of Conversational Assistants in Artificial Intelligence for Nursing

- Understand the context and current trends in the use of conversational assistants in health care
- Design and implement personalized conversational assistants to optimize communication, information management and emotional support
- Evaluate the benefits, challenges and technical requirements of integrating conversational assistants into clinical processes
- Apply tools such as ChatGPT for the creation of wizards tailored to specific healthcare needs

Module 2. Using Artificial Intelligence and Virtual Reality in Emotional Support in Nursing

- Delve into the applications of Artificial Intelligence in the emotional support of patients through tools such as Woebot and Replika
- Implement virtual reality programs for mental health management and rehabilitation
- Analyze the ethical and regulatory considerations related to the use of intelligent systems in emotional support
- Compare traditional and technological methods to identify best practices in psychological support

Module 3. Clinical Management and Personalization of Care with Artificial Intelligence

- Skillfully manage IBM Watson Health to efficiently manage resources and optimize clinical planning
- Design personalized care plans based on data analytics and AI technologies
- Establish remote patient monitoring systems to improve continuity and quality of care
- Analyze the effectiveness and cost-benefit of intelligent tools versus classical methods in clinical management

No pre-set schedules and 24/7 access: that's what this comprehensive curriculum is all about. This way, you will catch up with the latest technological advances in nursing at your own pace"

05

Career Opportunities

This innovative program will open up a range of career opportunities in an increasingly digitized and innovative healthcare sector. Thanks to the preparation acquired, graduates will be able to perform in a wide range of roles, from the management of multidisciplinary teams in digital health environments, to the leadership of innovative projects based on the implementation of advanced technological tools. They will also be better positioned for positions in public and private healthcare institutions, healthcare technology companies and consultancies specializing in the implementation of technologies in healthcare.

The nursing of the future starts now, and with TECH you will know how to integrate Artificial Intelligence to personalize care and provide effective emotional support to your patients”

Graduate Profile

Graduates will be highly trained in the integration of Artificial Intelligence in the healthcare field, specifically in the personalization of care and emotional support for patients. In this way, the expert will not only master the use of advanced technological tools, but will also know how to apply these resources effectively to improve personalized care and optimize patient recovery through a comprehensive approach. In short, you will become a transformational professional, with the knowledge and vision necessary to contribute to the future of Nursing.

You will know how to manage therapy programs with Virtual Reality, building safe and controlled spaces to contribute to people's recovery.

- **Data-Driven Decision Making Skills:** Interpret and use large volumes of clinical data through Artificial Intelligence tools to make informed decisions that optimize care
- **Adaptability and Management of Technological Change:** Integrate new AI tools into daily practice, mastering innovations in the industry and continually improve patient care processes
- **Multidisciplinary Teamwork:** Collaborate effectively with professionals from different disciplines (physicians, psychologists, digital health technicians, etc.), facilitating the implementation of technology solutions
- **Empathy and Effective Communication in Emotional Support:** Identify and manage patients' emotional needs using AI, developing effective communication and empathy skills

After completing the program, you will be able to use your knowledge and skills in the following positions:

1. **Nurse Specialized in Digital Health:** In charge of integrating technology and AI tools into patient care, optimizing care and improving health outcomes.
2. **Digital Health Project Coordinator:** Leader of innovative initiatives in healthcare institutions, in charge of implementing advanced technologies to improve efficiency and quality of care.
3. **Consultant in Artificial Intelligence Applied to Nursing:** Advisor to hospitals and clinics on the implementation of AI solutions to personalize care and monitor the emotional well-being of patients.
4. **AI Emotional Health Manager:** Responsible for designing and overseeing programs that use AI to identify and address patients' emotional needs in healthcare settings.
5. **Clinical Data and Digital Health Analyst:** Coordinator of large volumes of data generated by healthcare devices and AI systems to predict risks and personalize treatments.
6. **Telemedicine Nurse:** Responsible for providing remote care using telemedicine platforms, integrating AI to deliver more accurate and personalized care.
7. **Leader of Multidisciplinary Teams in Health Technology:** Coordinator of teams implementing AI-based technologies to improve care processes and foster innovation in care.
8. **Researcher in Healthcare Innovation and AI:** Researcher developing projects focused on the application of Artificial Intelligence to improve the personalization of care and emotional support in nursing.

05

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career"

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.
The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

"At TECH you will NOT have live classes (which you might not be able to attend)"

The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

> *TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want"*

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.

Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.

A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

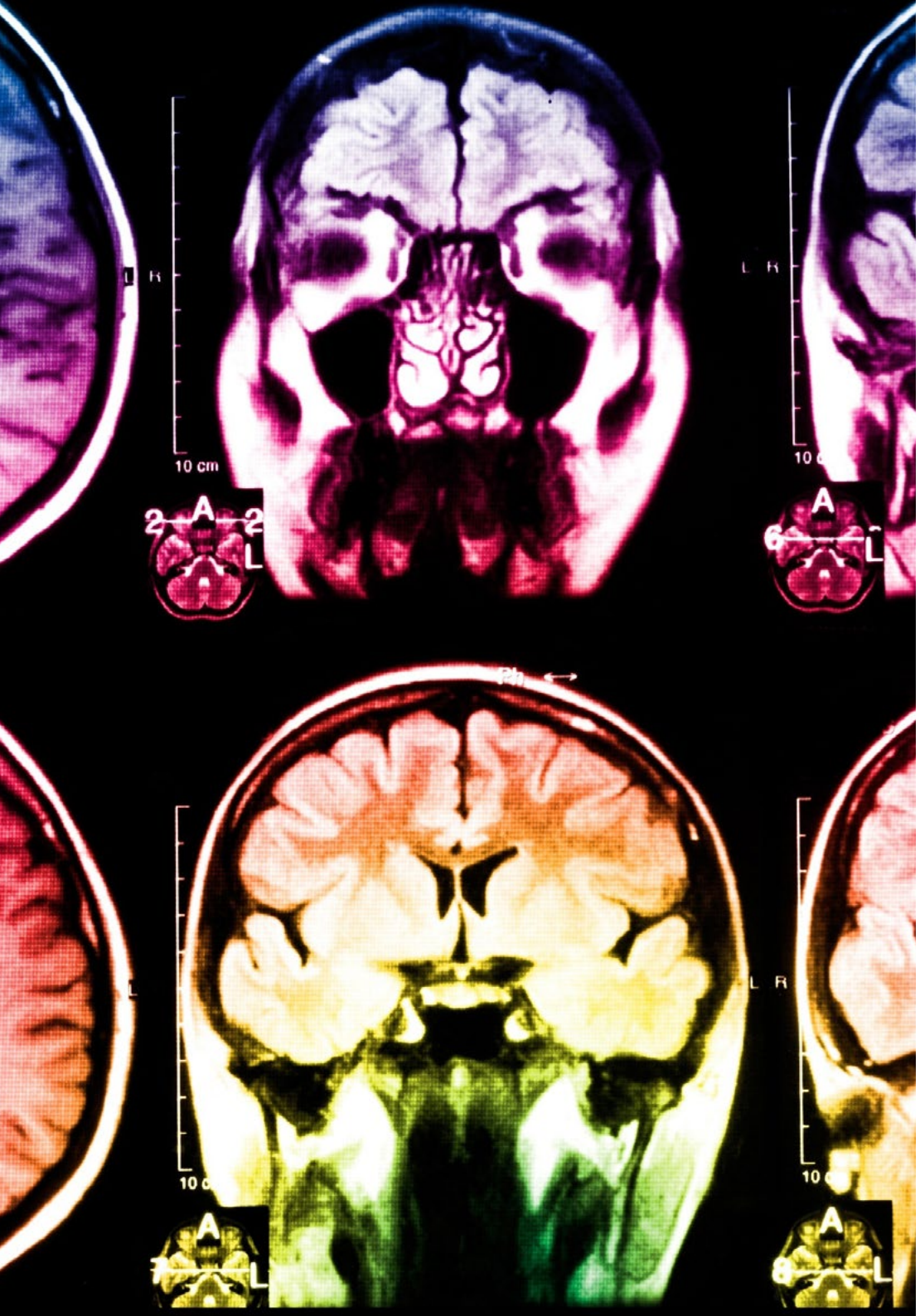
In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.

The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of 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.



The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.

As such, the best educational materials, thoroughly prepared, will be available in this program:

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.

Practicing Skills and Abilities

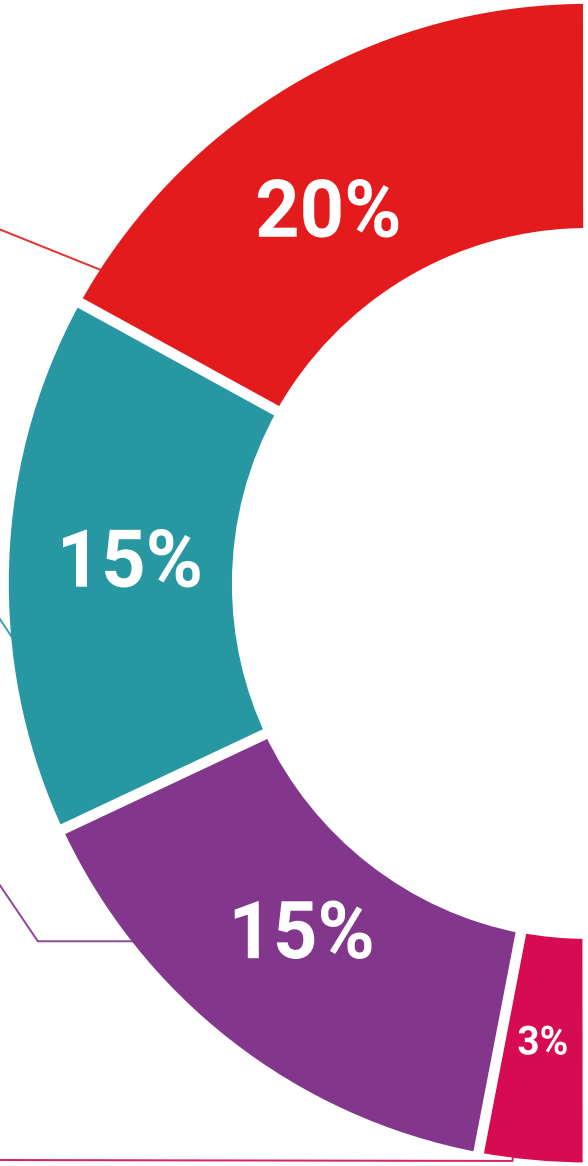
You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.

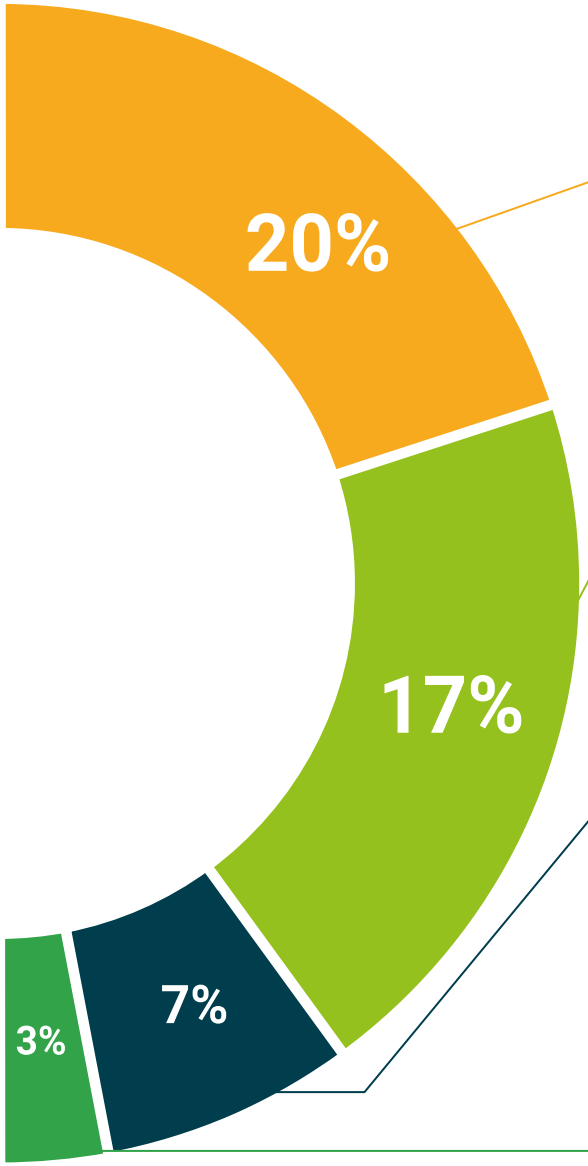
Interactive Summaries

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 exclusive educational system for presenting multimedia content 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 education.





Case Studies

Students will complete a selection of the best case studies in the field.
Cases that are presented, analyzed, and supervised by the best specialists in the world.

Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.

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 for future difficult decisions.

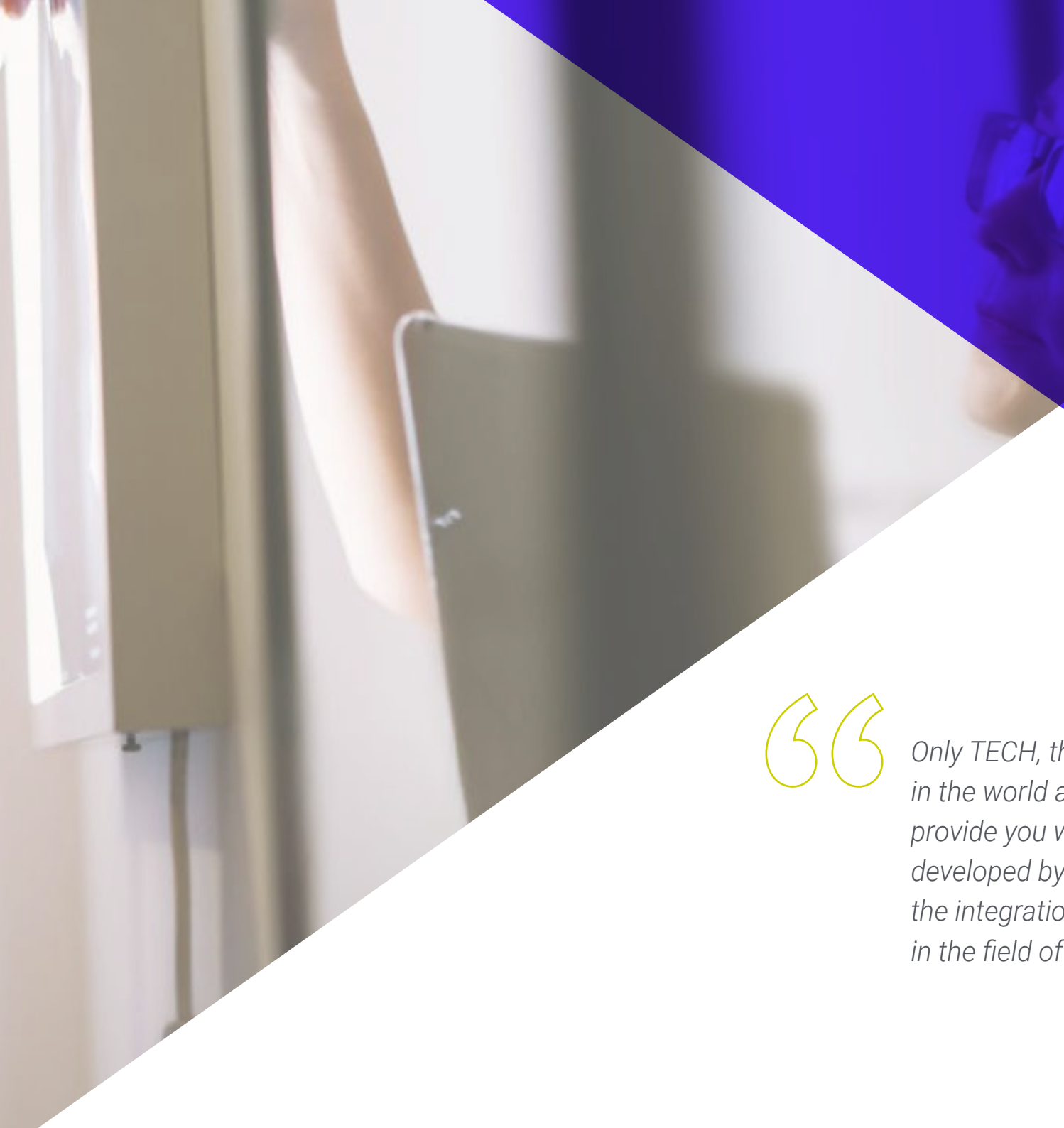
Quick Action Guides

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

Teaching Staff

This very complete academic itinerary is distinguished by a teaching staff composed of internationally renowned professionals, whose experience and knowledge enrich the preparation of students. As such, the mentors, who come from various academic institutions and prestigious research centers, will provide a global and updated vision of the integration of Artificial Intelligence in the field of nursing. Thanks to this faculty, graduates will acquire a solid and updated training that will position them as leaders in the implementation of AI solutions in the field of Nursing.

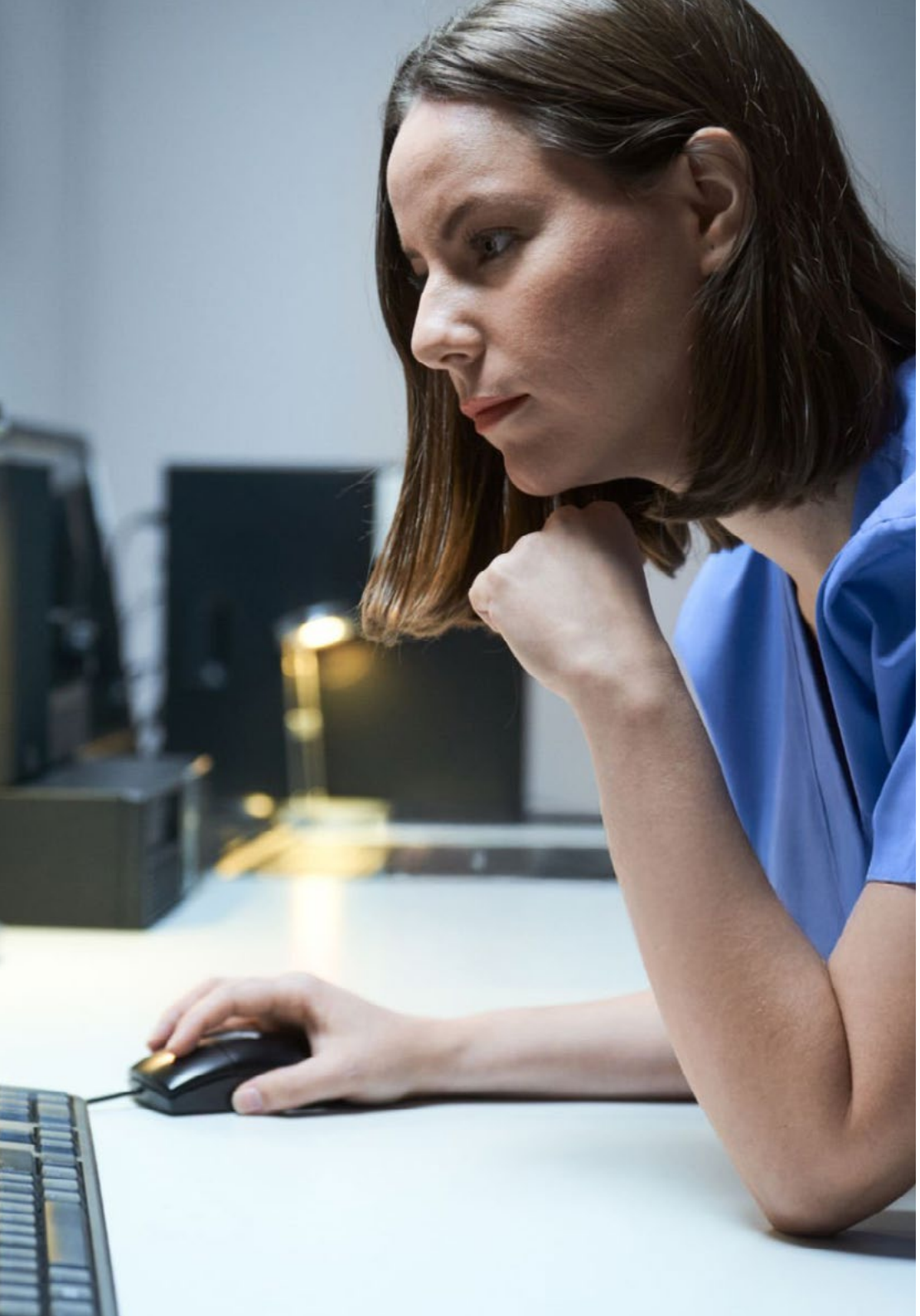


Only TECH, the largest online university in the world according to Forbes, will provide you with a university program developed by authentic references in the integration of Artificial Intelligence in the field of Nursing"

Management

Dr. Peralta Martín-Palomino, Arturo

- CEO and CTO at Prometeus Global Solutions
- CTO at Korporate Technologies
- CTO at AI Shepherds GmbH
- Consultant and Strategic Business Advisor at Alliance Medical
- Director of Design and Development at DocPath
- Doctorate in Psychology from the University of Castilla La Mancha
- Doctorate in Economics, Business and Finance from the Camilo José Cela University
- Doctorate in Psychology from University of Castilla La Mancha
- Master's Degree in Executive MBA from the Isabel I University
- Master's Degree in Sales and Marketing Management from the Isabel I University
- Expert Master's Degree in Big Data by Hadoop Training
- Master's Degree in Advanced Information Technologies from the University of Castilla La Mancha
- Member of: SMILE Research Group



Professors

Mr. Popescu Radu, Daniel Vasile

- Independent Specialist in Pharmacology, Nutrition and Dietetics
- Freelance Producer of Didactic and Scientific Content
- Nutritionist and Community Dietitian
- Community Pharmacist
- Researcher
- Master's Degree in Nutrition and Health from the Open University of Catalonia
- Master's Degree in Psychopharmacology from the University of Valencia
- Pharmacist from the Complutense University of Madrid
- Nutritionist-Dietitian by the European University Miguel de Cervantes

Mr. Del Rey Sánchez, Alejandro

- Responsible for implementation of programs to improve tactical care in emergencies
- Degree in Industrial Organization Engineering
- Certification in Big Data and Business Analytics
- Certification in Microsoft Excel Advanced, VBA, KPI and DAX
- Certification in CIS Telecommunication and Information Systems

Ms. Del Rey Sánchez, Cristina

- Talent Management Administrator at Securitas Seguridad España, S.L.
- Extracurricular Activities Center Coordinator
- Support classes and pedagogical interventions with Primary and Secondary Education students
- Postgraduate in Development, Delivery and Tutoring of e-Learning Training Actions
- Postgraduate in Early Childhood Care
- Degree in Pedagogy from the Complutense University of Madrid

07

Certificate

The Postgraduate Diploma in Personalization of Care and Emotional Support with Artificial Intelligence in Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Diploma issued by TECH Global University.

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 diploma for the **Postgraduate Diploma in Personalization of Care and Emotional Support with Artificial Intelligence in Nursing** 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** private qualification, 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 Personalization of Care and Emotional Support with Artificial Intelligence in Nursing**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Diploma in Personalization of Care and Emotional Support with Artificial Intelligence in Nursing

This is a private qualification of 540 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

Unique TECH Code: AFWORD23S techtitute.com/certificates

*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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Postgraduate Diploma

Personalization of Care and Emotional Support with Artificial Intelligence in Nursing

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

Postgraduate Diploma

Personalization of Care and Emotional Support with Artificial Intelligence in Nursing

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