



Application of Conversational Assistants in Artificial Intelligence for Nursing

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Accreditation: 6 ECTS

» Schedule: at your own pace

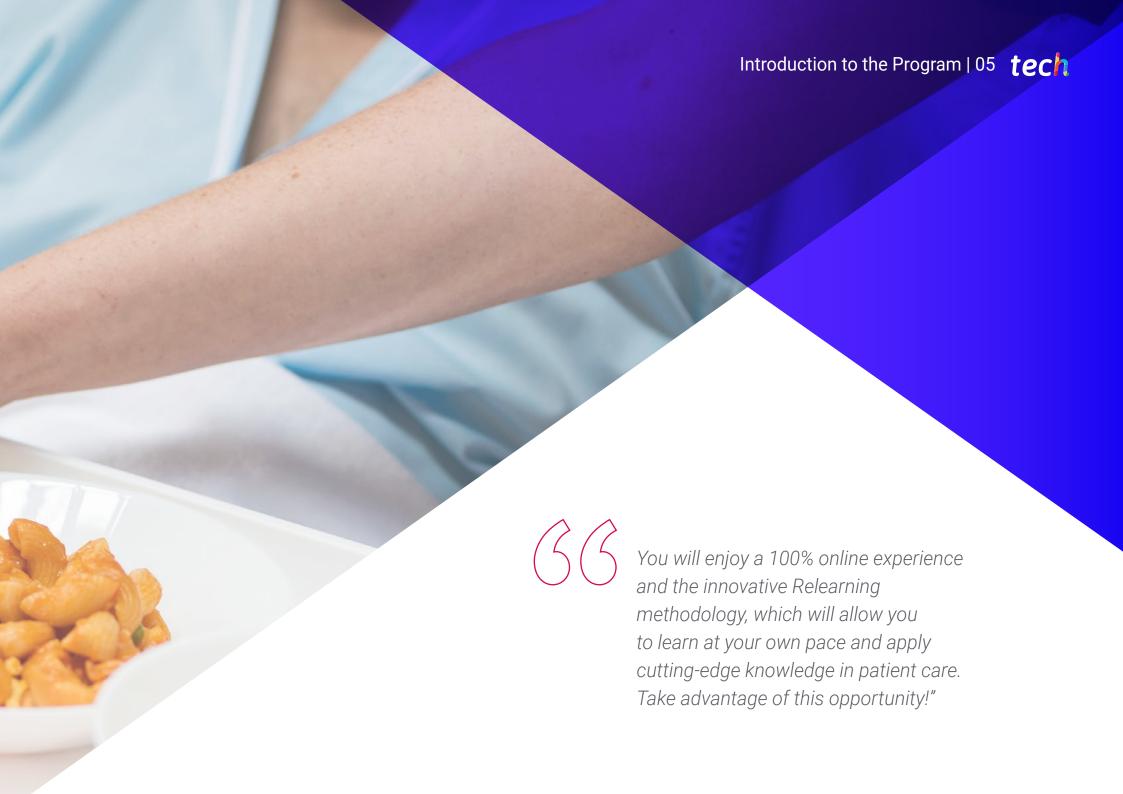
» Exams: online

Website: www.techtitute.com/us/artificial-intelligence/postgraduate-certificate/application-conversational-assistants-artificial-intelligence-nursing

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Digital transformation is revolutionizing Nursing, and the integration of artificial intelligence (AI)-based conversational assistants is positioned as an essential pillar to improve patient care. Living in an increasingly competitive and demanding environment, the ability to automate administrative tasks and optimize clinical communication becomes a decisive tool to boost the efficiency and quality of healthcare.

To respond to this need, TECH, the largest online university in the world according to Forbes, has designed this program in Application of Conversational Assistants in AI for Nursing that will provide the most relevant and updated knowledge in this field. Through a comprehensive and optimized curriculum, it will delve into the fundamentals of AI, natural language processing, design or development of chatbots and the integration of these systems in telecare platforms and clinical data management. It will also delve into key aspects such as personalization of care, remote patient monitoring and predictive analytics, ensuring a technical and multidisciplinary approach in collaboration with industry leaders.

From this, professionals will develop key skills that will enable them to position themselves as benchmarks in digital health. Thanks to the knowledge acquired, they will be empowered to lead innovative projects, improve healthcare processes and broaden their work horizons in a constantly evolving global market. In this way, they will strengthen their work profile, becoming essential players in the transformation of the healthcare system.

Finally, the 100% online modality will offer unparalleled flexibility, allowing access to content and resources from any device with an Internet connection. In turn, the Relearning methodology, based on the constant reiteration and updating of concepts, will ensure the effective assimilation of each topic, promoting an autonomous and dynamic training. All this will guarantee a high-level academic experience, adapted to the needs of modern students.

The Postgraduate Certificate in Application of Conversational Assistants in Artificial Intelligence for 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 the Application of Conversational Assistants in AI for 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



Ready to revolutionize your career?
With this university program you will
empower your skills using AI-powered
conversational assistants, all from the
comfort of your home"

Introduction to the Program | 07 tech



Are you ready to lead the digital revolution in Nursing? With this postgraduate program you'll explore an advanced curriculum that integrates Artificial Intelligence and telecare strategies, all in an online environment"

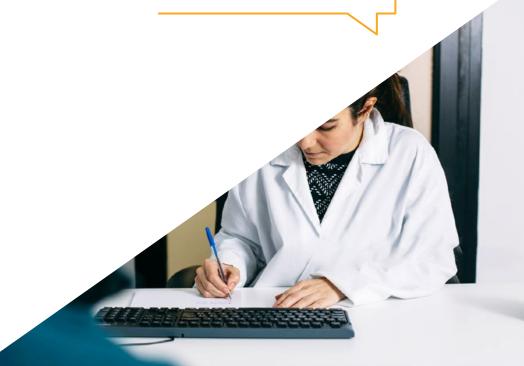
It includes in its teaching staff professionals belonging to the field of Artificial Intelligence, who pour into this program the experience of their work, in addition to recognized specialists from reference societies and prestigious universities.

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.

With this program you will not only boost your career in nursing, but also transform your clinical practice. You will stand out in the world of digital health.

Immerse yourself in a curriculum that covers everything from natural language processing to remote patient monitoring, all taught by renowned experts.







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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 syllabus





World's
No.1
The World's largest
online university

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 toprated 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.





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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





Syllabus | 15 tech

- 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



In this program you will have an unparalleled academic structure, combined with an interactive platform and state-of-the-art digital resources"

04 **Teaching Objectives**

This program will focus on transforming the job profile of specialists, preparing them to lead innovation in the healthcare field. They will acquire in-depth knowledge of the fundamentals of Artificial Intelligence and natural language processing, which will enable them to design and develop high-impact conversational solutions. They will also master the integration of these systems in clinical environments to optimize patient care. Thanks to this, graduates will develop the necessary tools to lead the digital revolution in health, improving both their professional performance and the quality of care they provide.

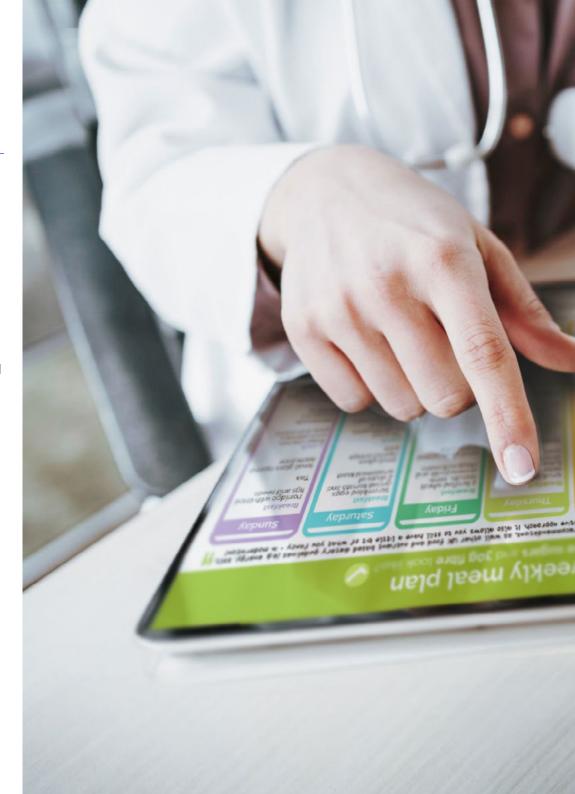


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General Objectives

- 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 Al-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





Teaching Objectives | 19 tech



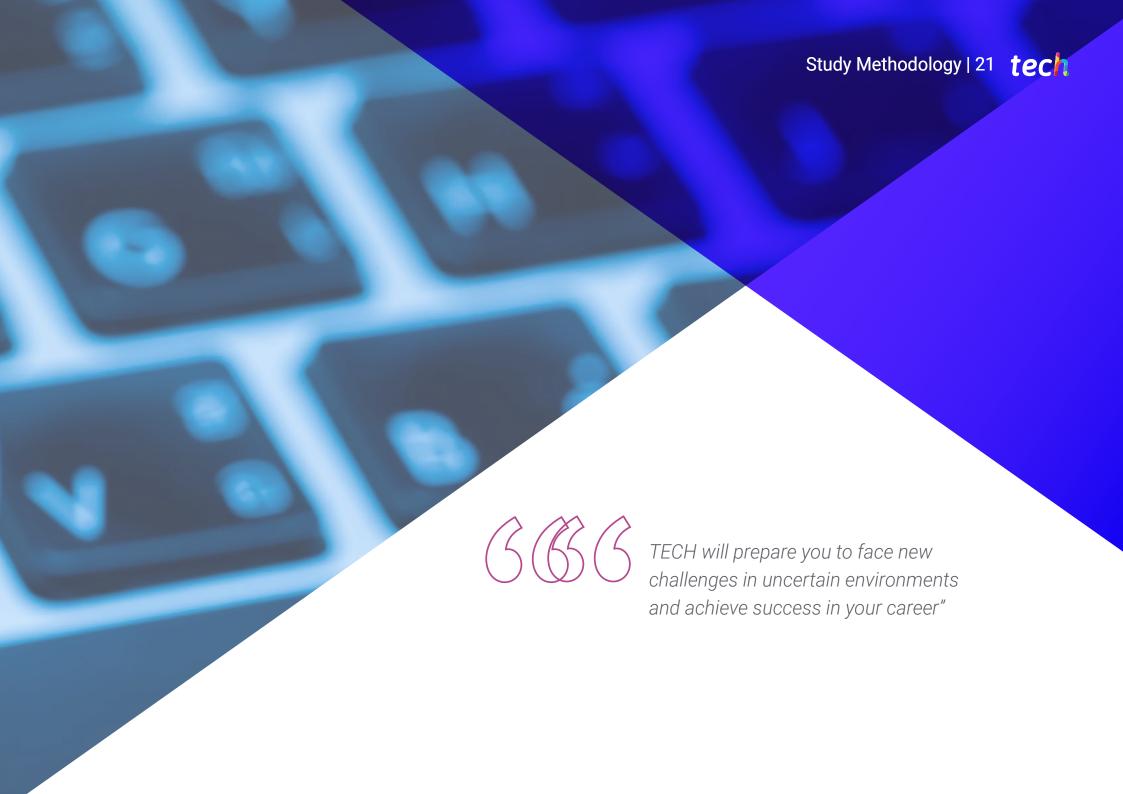
Specific Objectives

- 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



At TECH you will live a totally immersive academic experience, without fixed schedules and with content available 24 hours a day. What are you waiting for to belong to the largest online university in the world according to Forbes?"



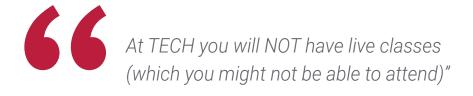


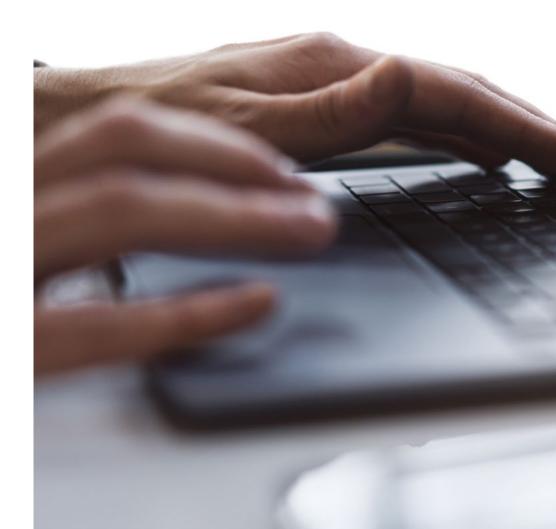
The student: the priority of all TECH programs

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.









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"

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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.



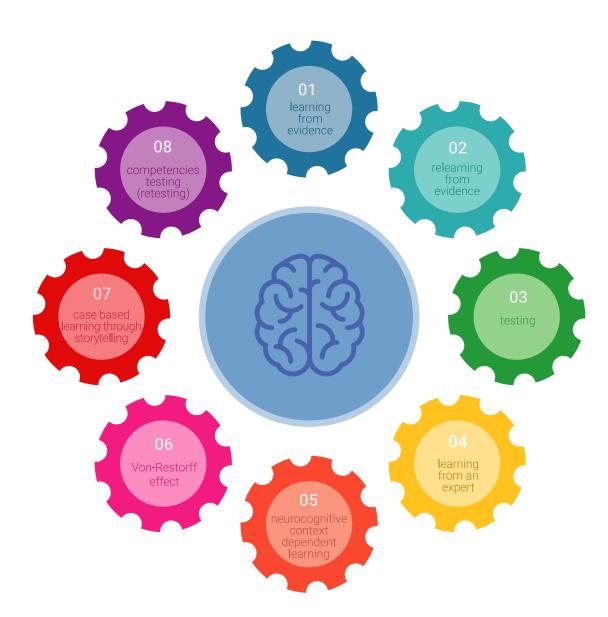
Relearning Methodology

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.

Study Methodology | 27 tech

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.

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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.



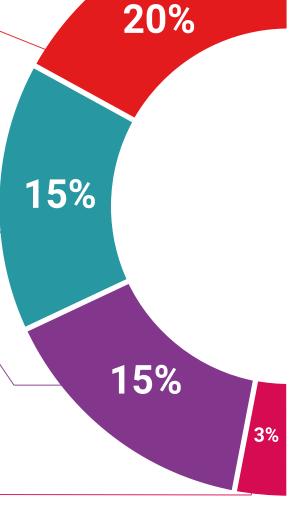
Practicing Skills and Abilities

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



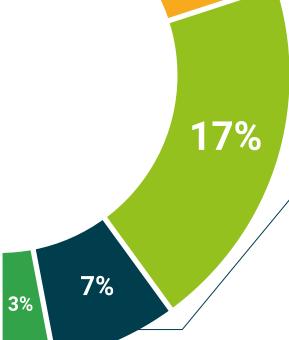
There is scientific evidence suggesting that observing third-party experts can be useful.

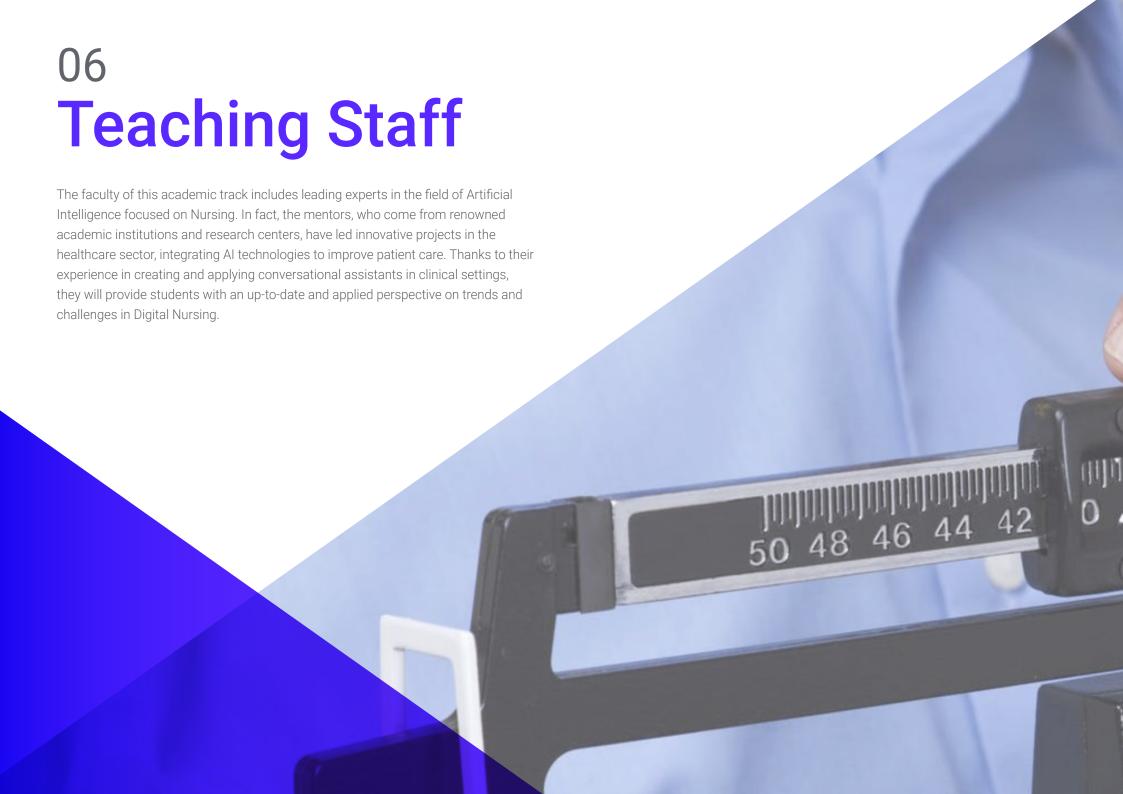
Learning from an expert strengthens knowledge and memory, and generates confidence for future difficult decisions.

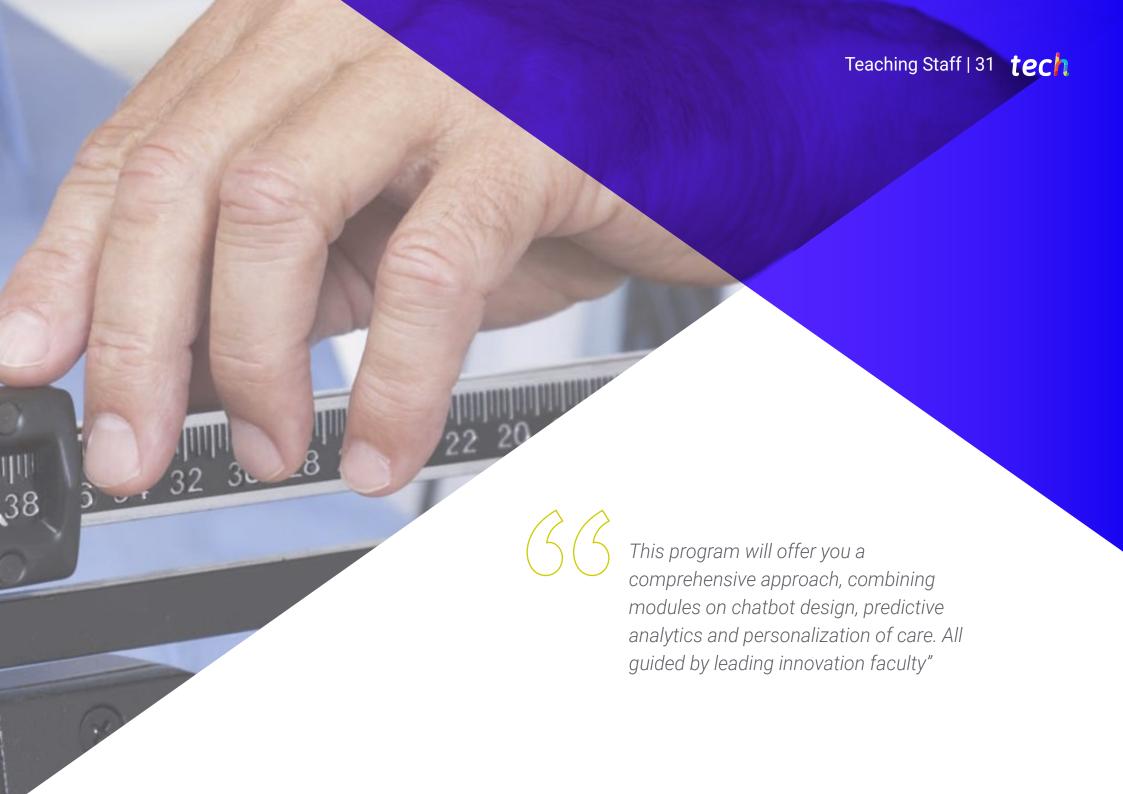
Quick Action Guides



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.







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

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

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

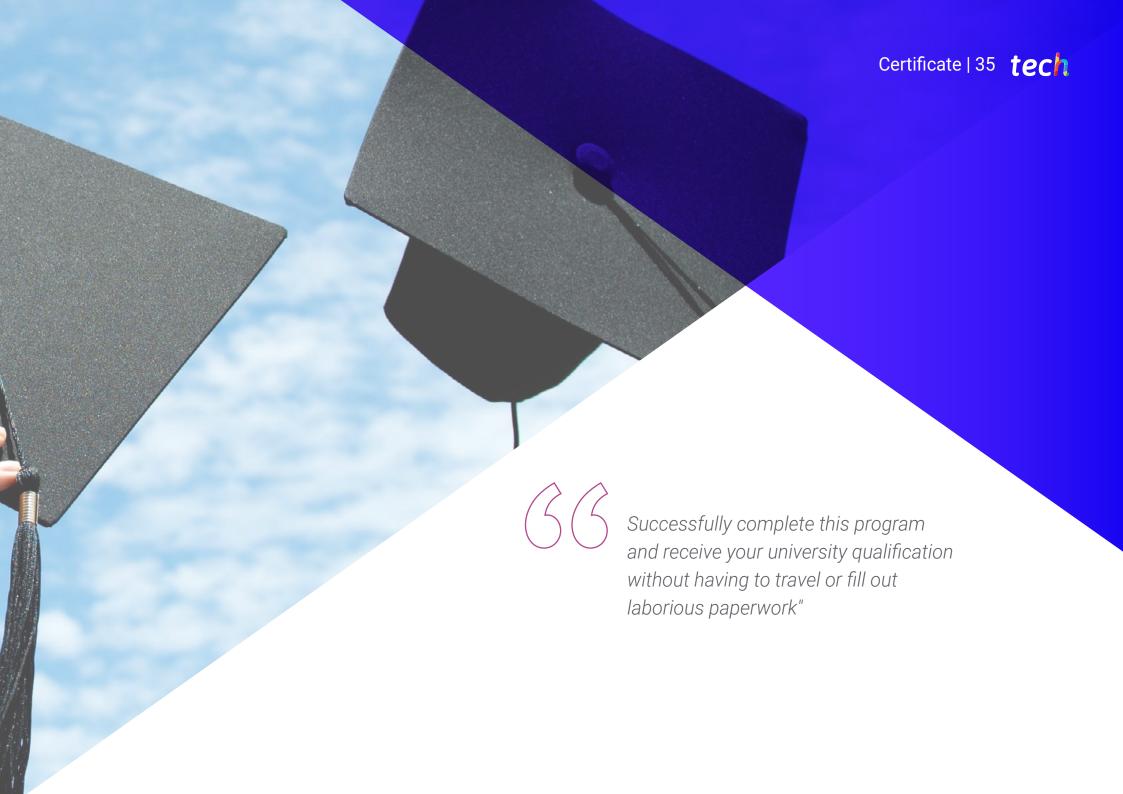
Mr. Del Rey Sánchez, Alejandro

- 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



A unique, crucial and decisive learning experience to boost your professional development"





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This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Application of Conversational Assistants in Artificial Intelligence for 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 Certificate in Application of Conversational Assistants in Artificial Intelligence for Nursing

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



Postgraduate Certificate in Application of Conversational Assistants in Artificial Intelligence for Nursing

This is a private qualification of 180 hours of duration equivalent to 6 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



^{*}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.

tech global university

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