

Postgraduate Certificate Nursing Care in Artificial Nutrition in Pediatrics



Postgraduate Certificate Nursing Care in Artificial Nutrition in Pediatrics

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 3 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/nursing-care-artificial-nutrition-pediatrics

Index

01

Introduction

p. 4

02

Objectives

p. 8

03

Course Management

p. 12

04

Structure and Content

p. 18

05

Study Methodology

p. 22

06

Certificate

p. 30

01

Introduction

Nutrition plays a key role in the evolution of pathologies, sometimes acting as an etiological factor and other times as a complication. For this reason, there is growing interest in the study of nutrition and supportive nutrition. This Postgraduate Certificate is designed to update nursing professionals so that they can incorporate the advances occurring in pediatric nutrition, with the goal of improving the prognosis of their patients through nursing care.



“

With this Postgraduate Certificate, you have the opportunity to update your knowledge in a practical way without compromising scientific rigor, allowing you to incorporate the latest advances in the field of nursing”

Specialization in nutrition is an essential response from healthcare professionals to meet the nutritional and health care needs of the pediatric population. One example of this is the growing implementation of Nutrition and Dietetics Units in leading hospitals, where the role of the nurse is particularly relevant in assessing nutritional status and planning and delivering individualized nursing care for each patient.

There is a lot of interest in everything related to dietetics and human nutrition and this is justified by a series of factors, among which two stand out:

- ♦ A growing demand for quality of life in Western societies, along with increased concern about the effects of nutrition on maintaining health and preventing and treating disease, has led to a widespread pursuit of healthier, more balanced eating habits
- ♦ The management of nutrition as a preventative or palliative factor for collective and personal health

This **Postgraduate Certificate in Nursing Care in Artificial Nutrition in Pediatrics** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Development of practical clinical cases presented by nutrition experts. Its graphic, schematic, and highly practical content is designed to provide scientific and clinical information on the medical disciplines essential for professional practice
- ♦ Diagnostic and therapeutic updates on artificial nutrition in pediatrics
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ♦ Special emphasis on test-based medicine and research methodologies in clinical nutrition
- ♦ All of this will be complemented by 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



Enhance your skills in managing nursing care for artificial nutrition in pediatrics through this Postgraduate Certificate"

“

This Postgraduate Certificate is the best investment you can make when choosing a refresher program, for two key reasons: in addition to updating your knowledge in Artificial Nutrition in Pediatrics, you will earn a diploma issued by TECH Global University”

The faculty of this Postgraduate Certificate includes healthcare professionals specialized in clinical nutrition, who bring the experience of their daily practice to the program, along with renowned experts affiliated with leading scientific societies.

Thanks to its multimedia content—developed with the latest educational technology—professionals will benefit from situated and contextual learning. This simulated environment enables immersive training designed to prepare students for real-world clinical situations.

The program is structured around Problem-Based Learning (PBL), requiring nurses to solve various professional practice scenarios presented throughout the course. To support this learning process, students will have access to an innovative system of interactive video content created by recognized experts in the field of nutrition with extensive teaching experience.

This Postgraduate Certificate offers specialization in simulated environments, which provides an immersive learning experience designed to prepare you for real-life situations.

It includes clinical cases to bring the development of the program as close as possible to the reality of nursing care.



02 Objectives

The main objective of the program is to promote both theoretical and practical learning, enabling nurses to master artificial nutrition in pediatrics in a practical and rigorous manner.



“

This refresher program will instill a sense of confidence in your nursing practice, helping you grow both personally and professionally”



General Objectives

- Update nursing professionals' knowledge of new trends in human nutrition, both in health and in pathological conditions, through evidence-based nursing practice
- Promote work strategies grounded in practical knowledge of emerging approaches in nutrition and their application to pediatric pathologies, where nutrition plays a key therapeutic role
- Support the acquisition of technical skills and competencies through a robust audiovisual system and the opportunity to participate in online simulation workshops and/or specialized training
- Encourage professional motivation through continuing education and research
- Provide training for conducting research in patients with nutritional disorders





Specific Objectives

- ♦ Define the pathophysiological aspects of pediatric diseases
- ♦ Explain the various techniques and products used in basic and advanced nutritional support related to pediatric nutrition
- ♦ Identify children at nutritional risk who may require targeted support
- ♦ Evaluate and monitor the progress of children receiving nutritional support
- ♦ Explain the latest developments in the use of probiotics and prebiotics in infant nutrition
- ♦ Acquire technical knowledge for handling systems and devices required for nutritional support in critically ill pediatric patients
- ♦ Identify children suffering from malnutrition
- ♦ Describe appropriate nutritional support for malnourished children



Take this opportunity and take the step to stay up to date with the latest developments in Nursing Care for Artificial Nutrition in Pediatrics”

03

Course Management

This program features a faculty of highly respected healthcare professionals specializing in clinical nutrition, who bring their real-world experience directly into the training.

Additionally, renowned specialists—members of prestigious national and international scientific societies—have participated in the design and development of the program.



“

*Learn from leading experts the latest
advances in nursing care for Artificial
Nutrition in Pediatrics”*

Guest Directors



Dr. Amado Canillas, Javier

- Nursing Supervisor at 12 de Octubre Hospital Hospitalization of Pulmonology, Endocrinology and Rheumatology
- Associate Professor of Health Sciences at the Complutense University of Madrid: Associate Clinician of Medical-Surgical Nursing
- Evaluator of teaching activities for the Technical Secretariat of the Directorate General of Planning, Research and Training of the Community of Madrid
- Doctor of Nursing from the Complutense University of Madrid. 2014
- Degree in Nursing and Master's Degree in Research in Care from the Complutense University of Madrid
- Currently studying a PhD in Audiovisual Communication at the Complutense University
- More than 10,000 accredited teaching hours as professor of specialized care for different organizations, in particular for the Nursing College of Madrid and FUDEN



Ms. Bartolomé Hernández, Laura

- Associate Head of the Endocrinology and Nutrition Department at the Jiménez Díaz Foundation
- Associate Head of the Endocrinology and Nutrition Department at the Rey Juan Carlos Hospital
- Degree in Medicine and Surgery from the Complutense University of Madrid
- Resident Physician of Endocrinology and Nutrition at the Insular University Hospital of Gran Canaria
- Assistant Physician in the Endocrinology and Nutrition Department at the Hospital del Henares
- Attending physician in the Endocrinology and Nutrition Department at the Ramón y Cajal Hospital
- Honorary Tutor at Rey Juan Carlos University



Ms. Vázquez Martínez, Clotilde

- ♦ Corporate Head of the Department of Endocrinology and Nutrition, Fundación Jiménez Díaz Foundation and Quirón Salud Group
- ♦ Head of the Endocrinology and Nutrition Department at Ramón y Cajal Hospital (Madrid) and Severo Ochoa Hospital, Leganés (Madrid)
- ♦ President of SENDIMAD (Society of Endocrinology, Nutrition, and Diabetes of the Community of Madrid)
- ♦ Former Coordinator of the Therapeutic Education Group (GEET) of the Spanish Society of Diabetes
- ♦ Recipient of the Abraham García Almansa Clinical Nutrition Lifetime Achievement Award, 1998
- ♦ Recognized among the 100 best Doctors in Spain according to Forbes list
- ♦ Castilla La Mancha Diabetes Foundation (FUCAMDI) Diabetes and Nutrition Lifetime Achievement Award
- ♦ Degree in Medicine and Surgery from the Faculty of Medicine of the University of Valencia
- ♦ Doctorate from the Faculty of Medicine at the Autonomous University of Madrid
- ♦ Specialist in Endocrinology and Nutrition via Medical Residency at the Jimenez Díaz Foundation

Professors

Ms. Labeira Candel, Paula

- ♦ Dietitian – Nutritionist in the Dr López Nava of Bariatric Endoscopy Unit at the University Hospital HM, Sanchinarro
- ♦ Dietitian – Nutritionist at the Institute for Overweight and Obesity, Jimenez Díaz Foundation
- ♦ Dietitian – Nutritionist at Medicadiet Nutrition Centers
- ♦ Sports Dietitian – Nutritionist at Corre tu Reto. Los Tribull
- ♦ Bachelor's Degree in Human Nutrition and Dietetics, Pablo de Olavide University of Seville
- ♦ Master's Degree in Sports Training and Nutrition, European University of Madrid

Ms. Calderón Sánchez, Cristina

- ♦ Dietitian – Nutritionist at the General Hospital of Collado Villalba
- ♦ Degree in Human Nutrition and Dietetics UOC
- ♦ Master's Degree in Nutrition and Health with Clinical Specialty UAM
- ♦ Participation in Predimed Plus Study
- ♦ Dietitian – Nutritionist at the Jiménez Díaz Foundation
- ♦ Nutritionist at San Miguel Arcángel Residence
- ♦ Solidarity campaigns for school supplies with the Red Cross

Dr. Fernández Vázquez, Clotilde

- ♦ Medical assistance support at the Institute of Endocrinology and Nutrition of the Jiménez Díaz Foundation
- ♦ Medical assistance services for Medipremium through EuropeAssitance
- ♦ ILUNION Sports Event Doctor
- ♦ Degree in Medicine, University of Alcalá de Henares
- ♦ Master's Degree in Integrative Humanistic Psychotherapy, at the Galene Institute of Madrid





Ms. Fernández Menéndez, Amanda

- ◆ Specialist Doctor in Endocrinology and Pediatric Nutrition. Jiménez Díaz Foundation Hospital. Obesity and Overweight Institute
- ◆ Specialist in Pediatrics, Doctor Castroviejo Health Center, SERMAS
- ◆ Attending physician specializing in Pediatric Endocrinology and Nutrition at La Paz University Hospital
- ◆ International Cooperation in Health and Development in India. Development of health projects in the field (International Cooperation in Health and Development in India)
- ◆ Degree in Medicine and Surgery from the Autonomous University of Madrid
- ◆ Master's Degree in Obesity and its Comorbidities : Prevention, Diagnosis and Comprehensive Treatment at Rey Juan Carlos University
- ◆ Expert in Clinical Bioethics, Complutense University

Mr. Sánchez Jiménez, Álvaro

- ◆ Nutritionist at Medicadiet
- ◆ Clinical Nutritionist specialized in prevention and treatment of obesity, diabetes and their comorbidities
- ◆ Nutritionist in the Predimed Plus Study
- ◆ Nutritionist at Eroski
- ◆ Nutritionist at Axis Clinic
- ◆ Professor in the Master's Degree in Obesity and comorbidities at the Rey Juan Carlos University
- ◆ Professor at the Course of Excellence in Obesity at the Jimenez Díaz Foundation Hospital - Novo Nordisk
- ◆ Diploma in Human Nutrition and Dietetics. Complutense University of Madrid
- ◆ Nutrition in the Elderly. Complutense University of Madrid
- ◆ Nutrition and Sport for Professionals. Tripartite Foundation

04

Structure and Content

The content structure has been designed by a team of professionals well-versed in the practical implications of training in daily nursing practice related to nutrition. They are fully aware of the importance of up-to-date education in delivering quality care to pediatric patients, supported by cutting-edge educational technologies.



“

The Postgraduate Certificate in Nursing Care in Artificial Nutrition in Pediatrics for Nursing contains the most complete and up-to-date scientific program on the market”

Module 1. Artificial Nutrition in Pediatrics

- 1.1. Concept of Nutritional Therapy
 - 1.1.1. Evaluation of Patients in Need of Nutritional Support
 - 1.1.2. Indications
- 1.2. General Information about Enteral and Parenteral Nutrition
- 1.3. Dietary Products Used for Sick Children or Children with Special Needs
- 1.4. Implementing and Monitoring Patients with Nutritional Support
 - 1.4.1. Critical Patients
 - 1.4.2. Patients with Neurological Pathologies
- 1.5. Artificial Nutrition at Home
- 1.6. Nutritional Supplements to Support the Conventional Diet
- 1.7. Probiotics and Prebiotics in Pediatric Nutrition



“

*A unique, essential and decisive
learning experience to boost your
professional development”*

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.

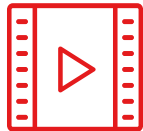
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

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

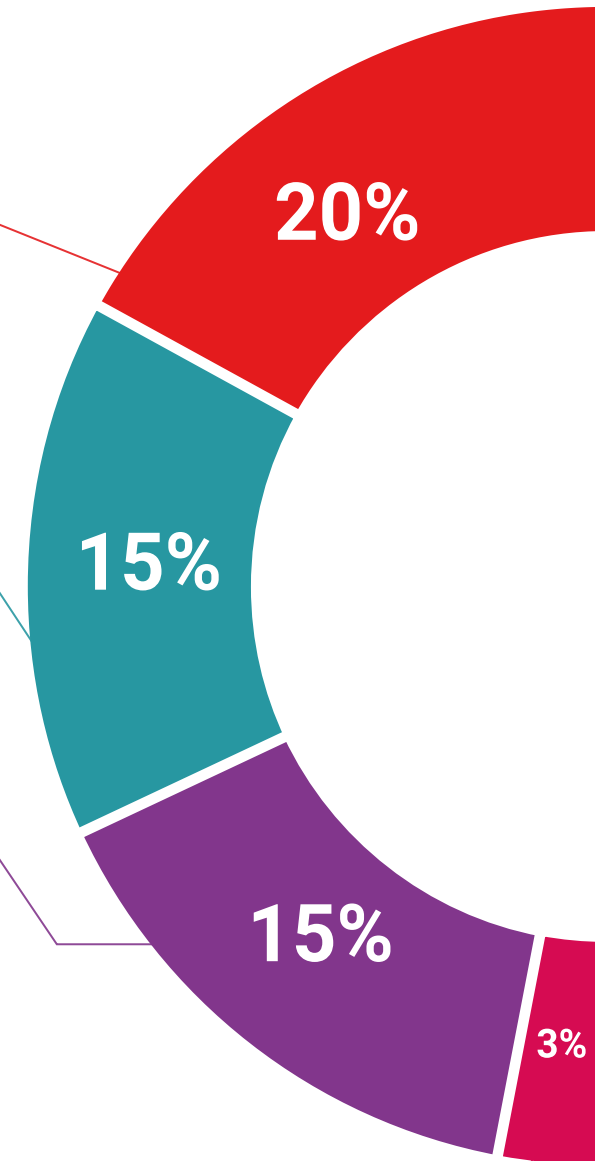
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

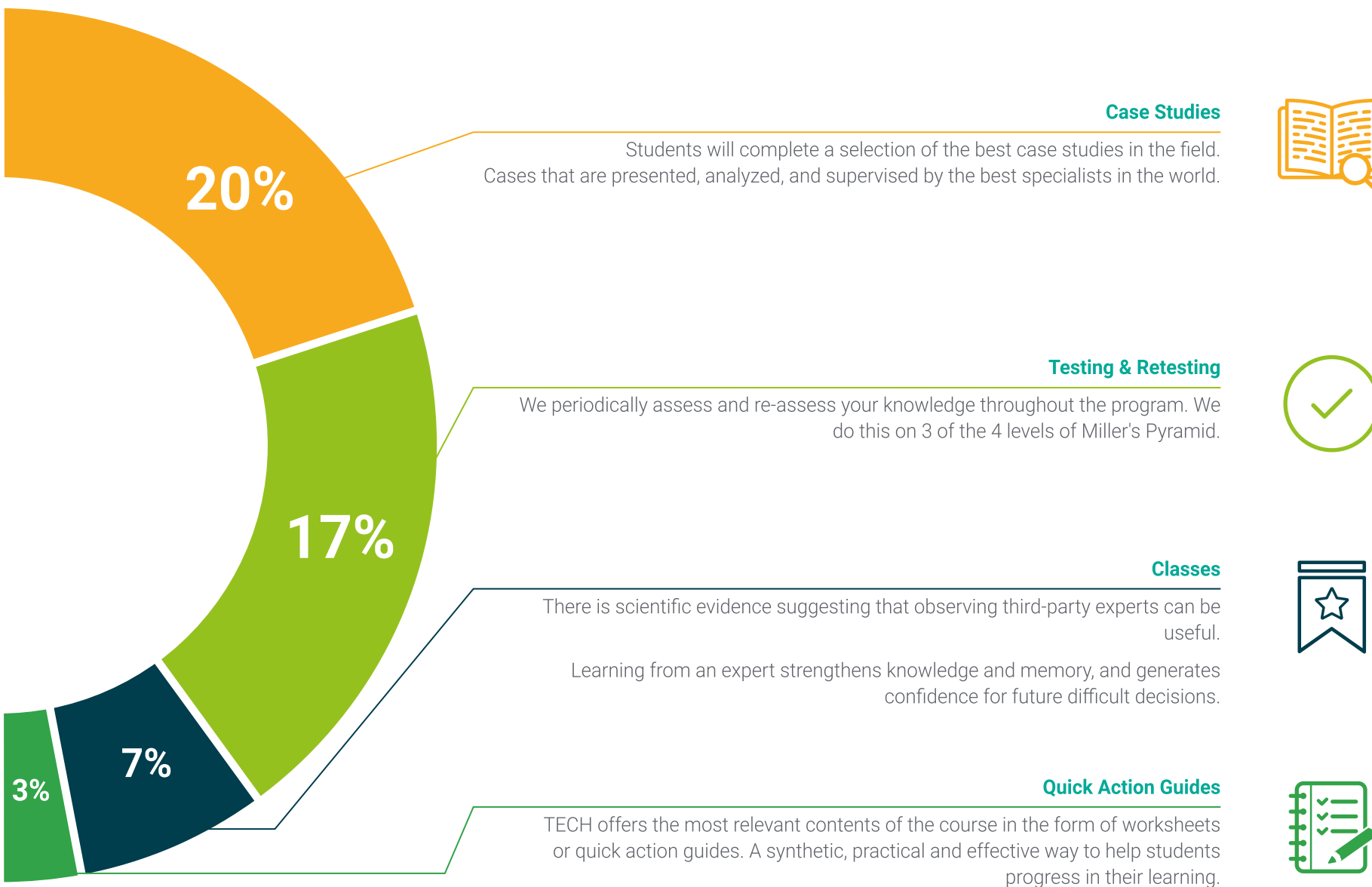
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

This Postgraduate Certificate in Nursing Care in Artificial Nutrition in Pediatrics guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the Postgraduate Certificate 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 Certificate in Nursing Care in Artificial Nutrition in Pediatrics** 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.

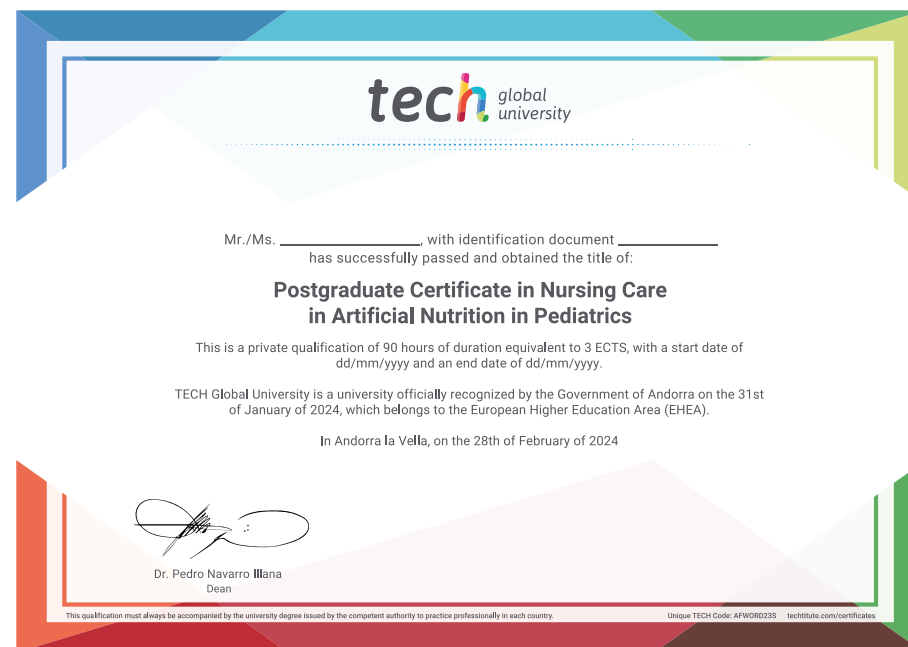
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Nursing Care in Artificial Nutrition in Pediatrics**

Modality: **online**

Duration: **6 weeks**

Accreditation: **3 ECTS**



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



Postgraduate Certificate Nursing Care in Artificial Nutrition in Pediatrics

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 3 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Nursing Care in Artificial Nutrition in Pediatrics

