

# Postgraduate Certificate Artificial Nutrition for Nursing





## Postgraduate Certificate Artificial Nutrition for Nursing

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtute.com/us/nursing/postgraduate-certificate/artificial-nutrition-nursing](http://www.techtute.com/us/nursing/postgraduate-certificate/artificial-nutrition-nursing)

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# 01

# Introduction

In many cases, artificial nutrition is used to provide the patient with the necessary intake required by his or her health condition. This work can be performed by enteral or parenteral route, ensuring proper nutrition and avoiding possible complications. For the nurse, it is of utmost importance to know these fundamentals, since they will allow him/her to design dietary strategies to provide correct advice and monitoring to patients. Therefore, this degree is an opportunity for professionals who wish to update their knowledge in this booming sector. All this through a high-impact informative conglomerate, nourished with audiovisual resources, complementary readings and a convenient 100% online format that can be accessed from any device with an Internet connection.



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*This Postgraduate Certificate contains the most complete and up-to-date scientific program on the market”*

Today, the world's population is aging and the rate of chronic diseases is increasing, creating a need for artificial nutrition. Nursing is one of the disciplines that plays a crucial role in the administration of this procedure and, therefore, must have a solid knowledge on the subject.

This program addresses the latest techniques and practices in the field such as selection of the access route, choice of the type of nutrition, monitoring and management of complications. In addition, it emphasizes the importance of decision making and problem solving in artificial nutrition management.

In addition, it is tailored to the current needs of the nurse, such as flexibility in time organization and accessibility from anywhere, especially in the post-pandemic era where distance learning has become essential. , the program is Available at in a 100% in online format, is easy accessible from any device with an internet connection.

It also uses the Relearning methodology to guarantee the effective acquisition of knowledge through exercises based on real cases and simulations. In this way, the professional will face the current challenges of the field.

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

- ◆ Clinical cases presented by experts in nutrition. Its graphic, schematic and practical contents provide scientific and assistance information on those Nurse disciplines that are essential for professional practice
- ◆ The latest diagnostic and therapeutic information on how to approach pediatric artificial nutrition
- ◆ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course
- ◆ With a special emphasis on evidence-based For Nursing and clinical nutrition research methodologies
- ◆ 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



*Update your knowledge through this Diploma in Artificial Nutrition for Nursing , in a practical way and adapted to your needs"*

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*This Diploma may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Artificial Nutrition, you will obtain a Postgraduate Certificate degree from the first educational institution in Spain, TECH"*

*This course allows training in simulated environments, which provide immersive learning programmed to train for real situations.*

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

The program's teaching staff includes professionals from the field who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

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



# 02 Objectives

The main objective of the program is the development of theoretical and practical learning, so that the Nurse can master Artificial Nutrition in a practical and rigorous way.





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*This refresher program will generate a sense of security when practising nursing, which will help you grow both personally and professionally”*



## General Objectives

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- Update the professional's knowledge on new trends in human nutrition, both in health and pathological situations through evidence-based For Nursing
- Promote work strategies based on the practical knowledge of the new trends in nutrition and its application to adult pathologies, where nutrition plays a fundamental role in treatment
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific training
- Encourage professional stimulation through continuing education and research
- Prepare the professional for research into patients with nutritional problems





## Specific Objectives

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- ◆ Identify children at nutritional risk who are eligible for specific support
- ◆ Evaluate and monitor the supervision of adults on nutritional support
- ◆ Explain the new developments and available evidence on probiotics and prebiotics in nutrition
- ◆ Explain the nutritional requirements of an ill patient
- ◆ Define the indication for the type of artificial nutrition according to the person and their needs

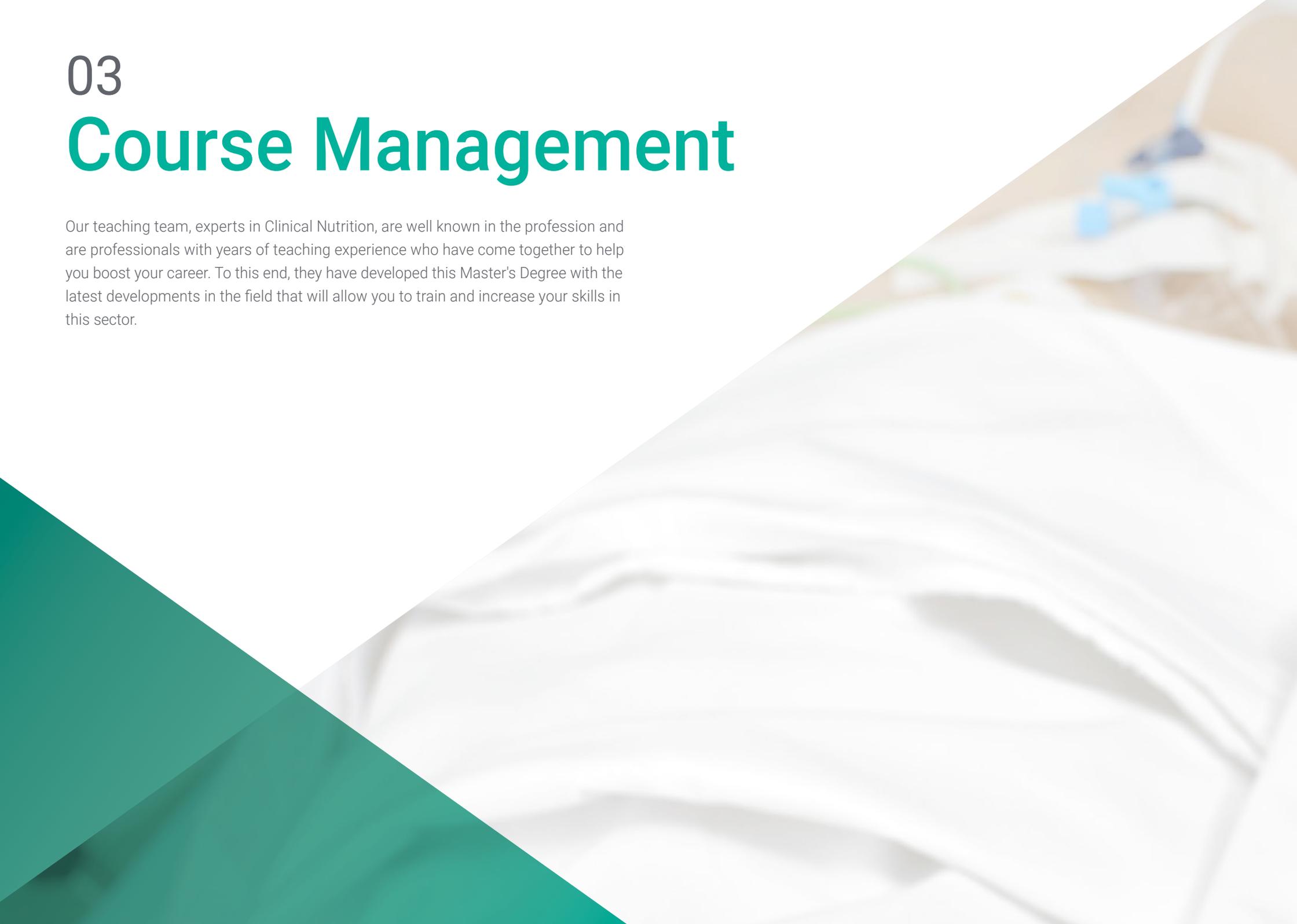
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*Make the most of this opportunity and take the step to get up to date on the latest developments in Artificial Nutrition for Nursing”*

03

# Course Management

Our teaching team, experts in Clinical Nutrition, are well known in the profession and are professionals with years of teaching experience who have come together to help you boost your career. To this end, they have developed this Master's Degree with the latest developments in the field that will allow you to train and increase your skills in this sector.





*Learn from the best professionals and  
become a successful professional yourself”*

## Management



### Ms. Auni3n Lavar3as, Mar3a Eugenia

- ♦ Pharmacist Clinical Nutrition Expert
- ♦ Author of the reference book in the field of Clinical Nutrition , Dietary Management of Overweight in the Pharmacy Office"
- ♦ Pharmacist with extensive experience in the public and private sector
- ♦ Head Pharmacist
- ♦ Pharmacy Assistant. Pharmacy Chain. British Health and Beauty Retailers Boots UK. Oxford Street Central London
- ♦ Bachelor 's Degree in Food Science and Technology. University of Valencia
- ♦ Course Management Pharmacy Office



# 04

## Structure and Content

The structure of the contents has been designed by a team of professionals who recognise the implications of training in the daily practice of pediatricians in the field of nutrition, are aware of the relevance of current training to treat the pediatric patient, and are committed to quality teaching using new educational technologies.





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*A unique, key, and decisive educational experience to boost your professional development”*

### Module 1. Assessment of Nutritional Status and Diet. Practical Application

- 1.1. Bioenergy and Nutrition
  - 1.1.1. Energy Needs
  - 1.1.2. Methods of Assessing Energy Expenditure
- 1.2. Assessment of Nutritional Status
  - 1.2.1. Body Composition Analysis
  - 1.2.2. Clinical Diagnosis. Symptoms and Signs
  - 1.2.3. Biochemical, Hematological and Immunological Methods
- 1.3. Intake Assessment
  - 1.3.1. Methods for Analyzing Food and Nutrient Intake
  - 1.3.2. Direct and Indirect Methods
- 1.4. Update on Nutritional Requirements and Recommended Intakes
- 1.5. Nutrition in a Healthy Adult. Objectives and Guidelines. Mediterranean Diet
- 1.6. Nutrition in Menopause
- 1.7. Nutrition in the Elderly

### Module 2. Artificial Nutrition in Adults

- 2.1. Enteral Nutrition
- 2.2. Parenteral Nutrition
- 2.3. Artificial Nutrition at Home
- 2.4. Adapted Oral Nutrition



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*This Postgraduate Certificate in Artificial Nutrition contains the most complete and up-to-date scientific program on the market”*

# 05

# Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





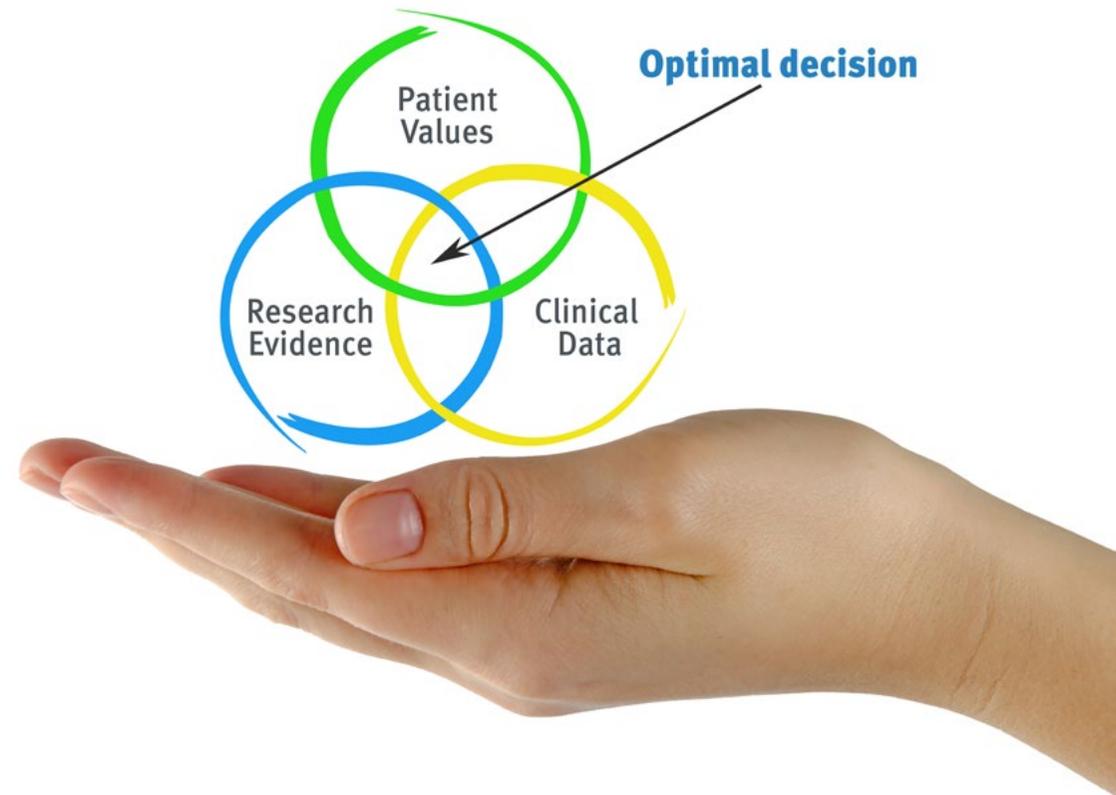
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH Nursing School we use the Case Method

In a given situation, what should a professional do? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Nurses learn better, faster, and more sustainably over time.

*With TECH, nurses can experience a learning methodology that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the real conditions in professional nursing practice.

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*Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method”*

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

1. Nurses who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the nursing professional to better integrate knowledge acquisition into the hospital setting or primary care.
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.



## Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine case studies with a 100% online learning system based on repetition combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.



*The nurse will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.*

At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 175,000 nurses with unprecedented success in all specialities regardless of practical workload. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

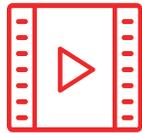
*Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.*

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by TECH's learning system is 8.01, according to the highest international standards.



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is really specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Nursing Techniques and Procedures on Video

We introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch them as many times as you want.



### Interactive Summaries

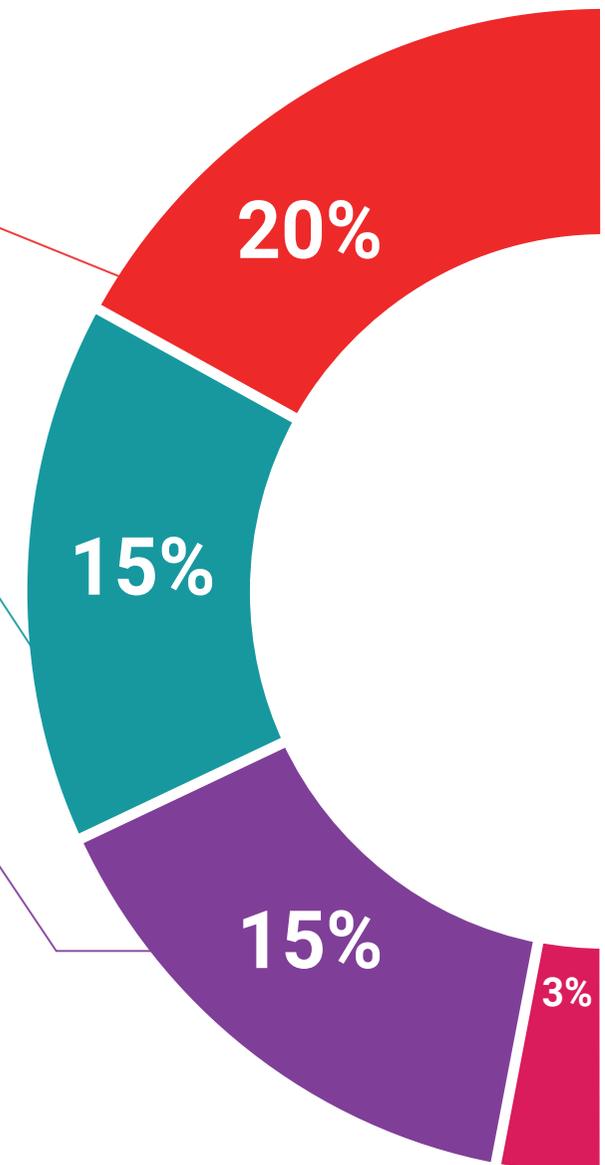
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

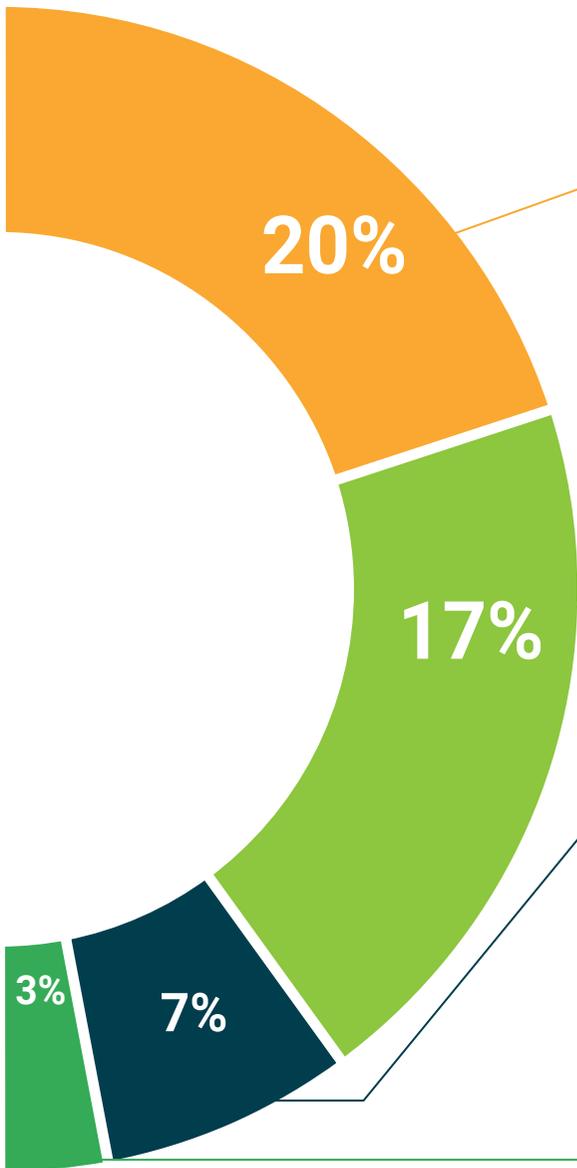
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



#### Classes

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

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### 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 Certificate

The Postgraduate Certificate in Artificial Nutrition for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Artificial Nutrition for Nursing** contains the most complete and up-to-date scientific on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Artificial Nutrition for Nursing**

Official N° of Hours: **125 h.**



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

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



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- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

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