Postgraduate Certificate
Access to the Medication Environment

tech technological university

Postgraduate Certificate

Access to the Medication Environment

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

Website: **www.techtitute.com/in/medicine/postgraduate-certificate/access-medication-environment**

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01
Introduction

In today's changing environment, the emergence of new technologies imposes a need for efficiency and sustainability on the pharmaceutical industry. This is a major challenge for the for the sector, which has raised the usefulness of public-private collaborations for the development of R&D for innovative drugs that have R&D for innovative drugs that have never before been developed. A reality that represents a paradigm shift, which in turn influences company procedures and structures. As a result of this transformation, TECH offers medical professionals an update on trends, developments and challenges in the development and of knowledge on the trends, developments and challenges surrounding the development and marketing of medicines. This will be possible due to this 100% online program, which contains quality multimedia content elaborated by a team of professionals with a great professional background in this a great professional trajectory in this field.

A Postgraduate Certificate that will bring you up to date with the challenges of the pharmaceutical industry in the development of innovative treatments"

In a context of access to innovation, it is necessary for healthcare professionals to correctly manage clinical and budgetary uncertainty. Thus, the current challenges revolve around the increase in life expectancy, financing and, in particular, the procedure and policy for setting drug prices.

In this current scenario, it is essential for the specialist to be aware of the different Skateholders and their interests, the challenges of the pharmaceutical industry, framed within the framework of business ethics and bioethics, and the trend towards sustainability in the sector through innovation. All these elements are indispensable and demanded by large multinational companies around the world that work in the development, research and commercialization of treatments. For this reason, TECH has decided to create this Postgraduate Certificate in Access to the Medication Environment, where the main developments in the sector will be discussed in detail over a six-week period.

A program taught exclusively online, which from the outset explores the role of the pharmaceutical industry in the provision of health care systems, to gradually unravel the advances in the development of personalized medicines, the latest strategies used in the relationship with different types of customers, as well as the current methods of financing.

This is all done through innovative multimedia didactic material (video summaries, videos in detail), essential readings and case studies to which the professionals will have access whenever they wish, from their computer, cell phone or Tablet with an internet connection. Additionally, the Relearning system, a methodology used by this academic institution, will allow reduce the long hours of study, so common in other teaching methods.

The medical specialist is faced with a flexible university degree that can be taken comfortably at any time of the day, without attendance or fixed class schedules. An ideal academic option for those seeking to combine their professional responsibilities with a high quality Postgraduate Certificate.

This **Postgraduate Certificate in Access to the Medication Environment** contains the most complete and up-to-date scientific program on the market. The most important features include:

- The development of case studies presented by experts in medicine and the pharmaceutical industry
- 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
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work
- Content that is accessible from any fixed or portable device with an Internet connection

A 100% online program focused on showing you the latest approach strategies used to obtain an efficient relationship with different clients"

"You have a large library of multimedia resources that you can access at any time of the day from your computer with an internet connection"

If you are looking for an academic option compatible with your responsibilities, this Postgraduate Certificate offers you the flexibility you need.

An intensive and advanced syllabus that will keep you abreast of trends in the Access to Medication Environment.

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

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare 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 student will be assisted by an innovative interactive video system created by renowned and experienced experts.
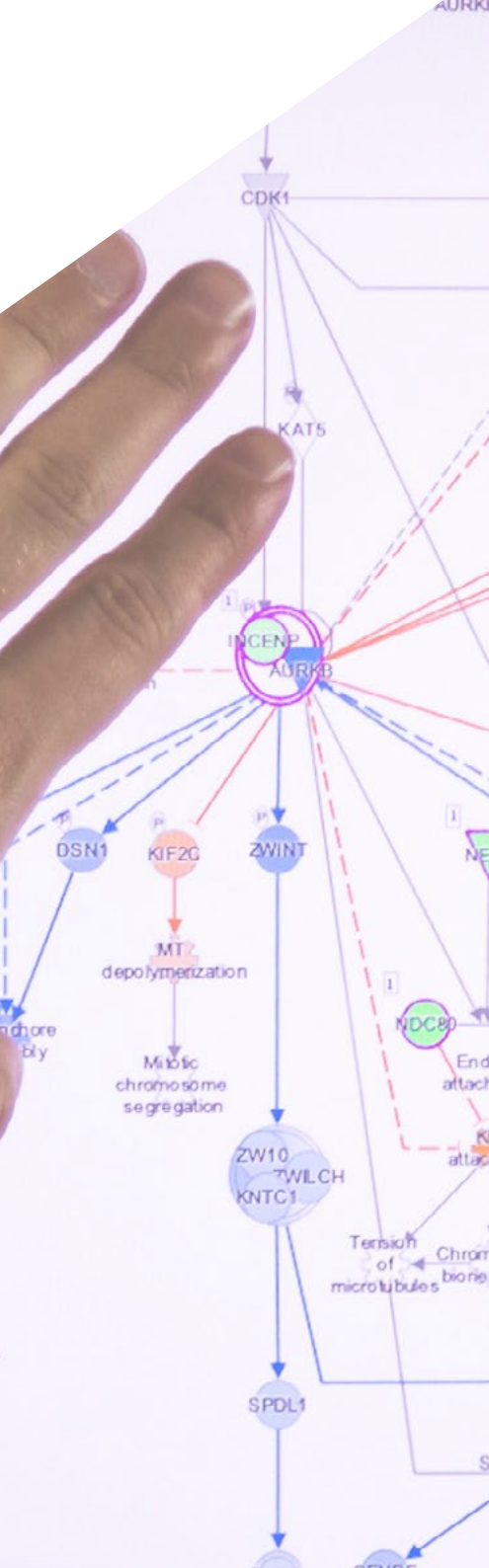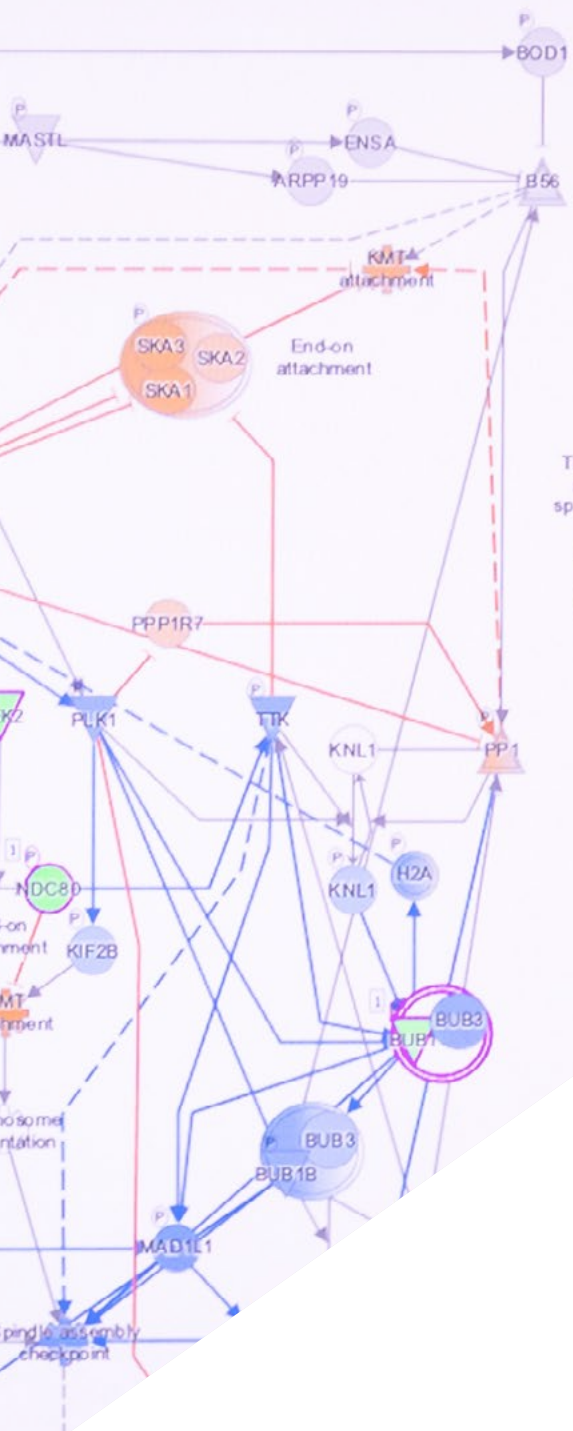
02
Objectives

Access to the latest information in the field of the pharmaceutical industry is only possible thanks to the advanced knowledge of the faculty of this program. The professional will be up-to-date on drug regulation systems, pricing or the existing relationship between the sector and health managers: public and private sectors. The pedagogical tools developed by TECH will make it easier to achieve these goals.

TTK, BUB1, PLK1, CDK1 and PP1, PP2A.

BOD1

MASTL

ENSA

ARPP19

B56

KMT attachment

SKA3   SKA2   End-on attachment

SKA1

PPP1R7

This diagram portrays events prior to stable kinetochore attachment to microtubules, biorientation, relief of the spindle assembly checkpoint, and anaphase progression.

After chromosome biorientation, PP1, PP2A directly dephosphorylate CDK1 and AURKB substrates. Moreover PP2A is a negative regulator of PLK1 and PP1 counteracts Mps1 signaling at the kinetochore. As a result of dephosphorylation, PP1 and PP2A stabilize KMT attachment for anaphase.

PLK1   TTK   KNL1   PP1

NDC80   KNL1   H2A

KIF2B

KMT

BUB3

BUB1

BUB3

BUB1B

MAD1L1

spindle assembly checkpoint

Prediction

more extreme in datas

Increased

Decreased

more confidence

Predicted

Predicted

Glow Indicates ac
when opposite
of measurement

Predicted Rela

— Leads to acti
— Leads to inhib
— Findings incons
  with state of
  molecule
— Effect

" *This program will allow you to simulate a drug regulatory system through case studies*"

General Objectives

- Investigate the benefits of public-private partnerships to address challenges
- Identify the different types of relationships between the industry and its Stakeholders with their different interests
- Recognize the different types of companies related to the pharmaceutical industry

Delve into the current landscape of innovative drug financing through this academic option"

Specific Objectives

- Describe the most relevant characteristics of the current changing environment that condition the pharmaceutical industry and healthcare systems
- Understand the challenges faced by the industry in the innovation of new treatments and access to the medication market
- Simulate a medication regulation system
- Define the different types of drugs and their approach strategy to different customers to the different customers

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Course Management

TECH has brought together a management and faculty with an extensive professional background in the pharmaceutical industry. Its extensive knowledge of Medical Affairs, the implementation of strategic initiatives in health and the leadership and management of teams is reflected in the syllabus to which the specialist who enters this degree will have access. Likewise, this faculty member will resolve any doubts that may arise regarding the content of the program throughout the 150 hours of classes.

"

TECH has brought together a team of pharmaceutical industry professionals knowledgeable about the introduction of medication in the healthcare setting"

Management

Dr. Cuchí Alfaro, Miguel Ignacio

- Medical Director of Hospital Universitario Puerta de Hierro Majadahonda in Spain
- Medical Coordinator of Hospital Audits in the Madrid Service
- Deputy Manager of the Ramón y Cajal University Hospital of Madrid
- Deputy Medical Director of the Ramón y Cajal University Hospital of Madrid
- Degree in Medicine

Professors

Ms. Vega Arias, Lucía

- Government Affairs, Policy & Patients Advocacy Senior Professional en Merck España
- Government Affairs Manager in Health Sector Consulting
- Master's Degree in Access and Relations with Health Administrations
- Graduate in Law, Sociology and Political Science and Administration

Dr. Díaz Pollán, Concepción

- Senior Regulatory Affairs Specialist
- D. in Chemical Sciences and Specialist in Quality Control from the Universidad Autónoma de Madrid
- Graduate in Pharmacy from the Complutense University

Dr. De los Santos Real, Heidi

- Manager of Pricing Strategy and Pharmacoeconomics at Merck Spain
- Doctorate in Pharmacy from the Complutense University of Madrid
- MBA in Pharmaceutical Business Management by EPHOS-University of Alcalá de Henares, Spain Alcalá de Henares
- Master's Degree in Development, Registration and Regulation of Medicines in the European Union Universidad Autónoma de Barcelona
- Master's Degree in European Regulation by the College of Pharmacists of Madrid

Dr. Lobrera Mozo, Juan
- Medical and Regulatory Affairs Director, Ipsen Pharma Iberia
- Specialist in Clinical Microbiology and Parasitology at Hospital Puerta de Hierro Majadahonda in Spain
- Graduate in Medicine and Surgery from the Universidad de Navarra

Dr. Díez Merchán, Irene
- Medical Affairs Director at FAES Farma
- Medical Business Development Manager at FAES Farma
- Degree in Medicine from the Autonomous University Madrid
- Specialist in Rheumatology (MIR) at the Hospital General Universitario Gregorio Marañon

Ms. Mir Melendo, Nuria
- Medical Director of the Rare Diseases Area at PFIZER SPAIN
- Master's Degree in Marketing for the Pharmaceutical Industry from Instituto de Empresa
- Specialist in Clinical Microbiology and Parasitology (via FIR) at the Ramón y Cajal University Hospital
- Graduate in Pharmacy from the University of Navarra

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Structure and Content

The syllabus of this university program will lead the medical professional to be aware of the latest developments and advances in relation to the Access to Medication Environment. For this purpose, multimedia resources (video summaries, detailed videos), specialized readings and case studies are available for easy access from any electronic device with an Internet connection. Likewise, the Relearning system will favor the progress through the syllabus in a much more natural and agile way.

A study plan that will allow you to delve into the current challenges of the pharmaceutical industry in the provision of health care systems"

Module 1. The medication access environment in the 21st century

1.1. Role of the pharmaceutical industry in the provision of health care in health care systems
    1.1.1. Core competencies that a public health administration should have
    1.1.2. Constantly changing healthcare models Emergence of new technologies, need for greater efficiency and sustainability
    1.1.3. Innovative industry challenges for the development of innovative treatments. The benefits of public-private collaboration in R&D
    1.1.4. Challenges of the Pharmaceutical Industry in market access. The benefits Public-Private Partnership Models

1.2. Current challenges and pricing and reimbursement
    1.2.1. Challenges for the NHS. Increased life expectancy-timeliness more sophisticated medications uncertainty management
    1.2.2. Pricing and financing procedure. Ministries of health, price commissions, pharmaceutical benefit advisory committees, etc
    1.2.3. Medication pricing and pricing policies
    1.2.4. Current panorama of innovative drug financing. Uncertainty management
    1.2.5. Models of access to innovation and management of clinical and budgetary uncertainty by the pharmaceutical industry

1.3. Stakeholders of the pharmaceutical industry I
    1.3.1. The different Stakeholders and their interests
    1.3.2. Relationship between industry and health care managers: public and private spheres
    1.3.3. Relationship between industry and public administrations
    1.3.4. Relations with healthcare professionals

1.4. Stakeholders of the pharmaceutical industry II
    1.4.1. Patient relations as a key stakeholder in the healthcare environment
    1.4.2. Relations with other Stakeholders: scientific societies, professional associations,Lobby and influence groups, political institutions, media

1.5. Types of Drugs Innovative medicines
    1.5.1. Types of medications: innovators, generics and biosimilars
    1.5.2. Market introduction of an innovative medication. Importance of good identification according to medication type
    1.5.3. Approach and relationship strategy with the different customers
    1.5.4. Rare diseases and orphan medications
    1.5.5. Personalized Medicine

Methodology

This training program offers 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 publications from the *New England Journal of Medicine* have considered it to be one of the most effective.

Discover Relearning, a system that departs from traditional linear learning and embraces cyclical teaching methods. This approach to learning has proven to be highly effective, particularly in subjects that involve memorization.

At TECH we use the Case Method

What should a professional do in a given situation? 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. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning 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, trying to recreate the real conditions in the physician's professional practice.

"

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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.

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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

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

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 highly specific and precise.

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

Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and 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 the videos as many times as you like.

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.

20%

15%

15%

3%

20%

17%
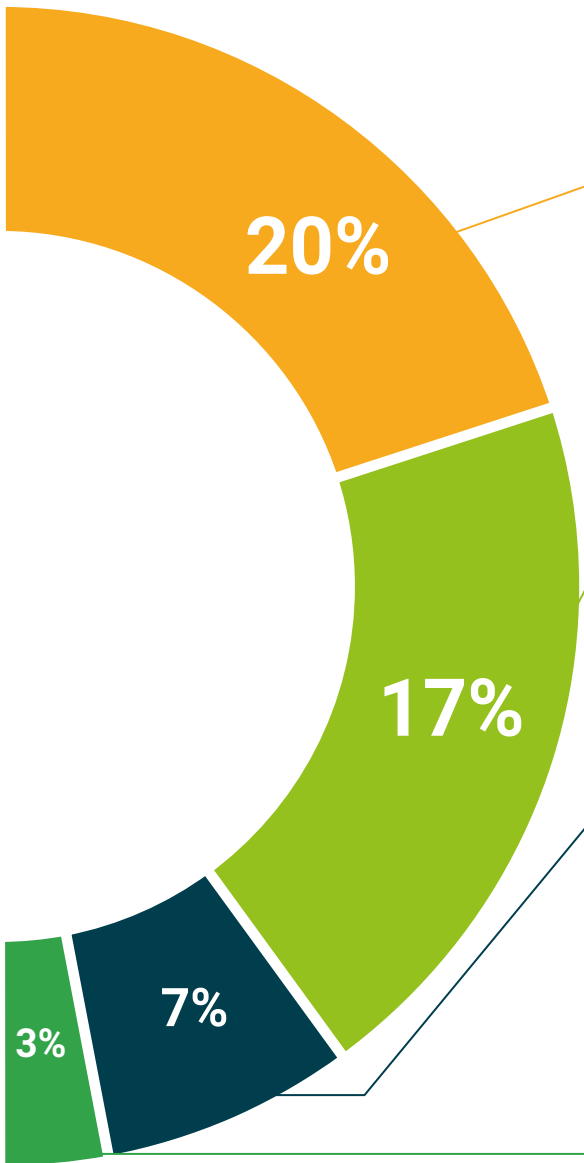
7%

3%
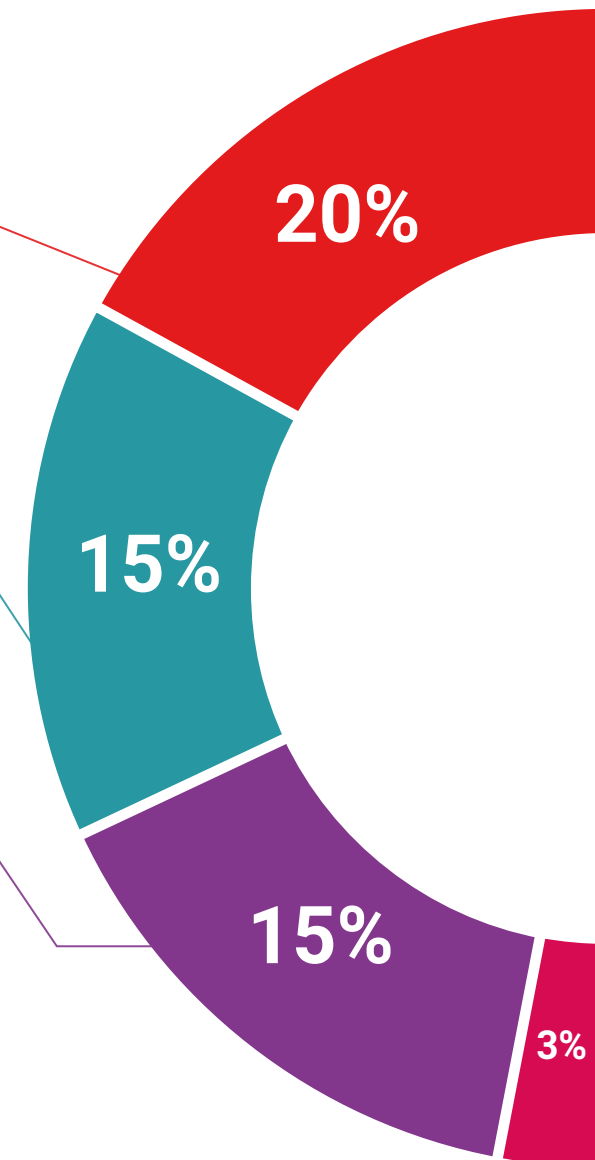
Expert-Led Case Studies and Case Analysis

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 on the usefulness of learning by observing experts. The system known as 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 Access to the Medication Environment guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

"

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

This **Postgraduate Certificate in Access to the Medication Environment** contains the most complete and up-to-date scientific program 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 certificate 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 Access to the Medication Environment**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Access to the Medication Environment

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country. Unique TECH Code: AFWORD23S techtitute.com/certificates

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

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