

Postgraduate Certificate Warehouse Management





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

Website: www.techtitute.com/in/engineering/postgraduate-certificate/warehouse-management

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01

Introduction

Warehouse management is a procedure integrated into the global logistics of a company and has to do with the reception, storage and movement of production materials that need safeguarding, and of the finished product until it reaches the consumer or end user. Having expert professionals who know how to control and streamline processes is essential for carrying out proper production and operational processes in the company. This is how specific programs such as this one arise, essential for professional development of those who work in industry sectors and who wish to deepen their knowledge in warehouse management. A program with a completely online modality, based on the most innovative relearning methodology, achievable in 6 weeks.





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Acquire updated knowledge of Warehouse Management in 6 weeks and 100% online”

Done efficiently, warehouse management optimizes the entire production and functional logistics process, particularly product procurement, storage and distribution, thus being one of the most important activities in business activity. The sole purpose is to ensure the continuous and adequate supply of raw materials, as well as the means of production necessary to guarantee services in a constant and balanced manner.

Warehouse management straddles the line between stock management, the order management process and distribution. Automation is one of its greatest allies to avoid human errors and maximize resource utilization. To this end, this training program provides students with all the knowledge in terms of the most implemented techniques, methodologies and tools in modern and efficient production environments.

An update program where professionals will specialize in the most innovative tools used in the current industrial context, leading students to success in their work performance and paving the way to a promising future. All this through the most avant-garde methodology in the online university environment, powered by TECH; a total of 150 hours of learning based on relearning, with a variety of theoretical and practical content multimedia resources and formats, available from day one to facilitate and streamline the learning process.

This **Postgraduate Certificate in Warehouse Management** contains the most complete and up to date scientific program on the market. The most important features include:

- ◆ Case studies presented by experts in Industrial Engineering
- ◆ The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ 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



As a professional capable of developing innovative warehouse management and procurement solutions, countless career opportunities will come your way. Enroll now to stand out immediately”

“*No need to travel or relocate, get connected from your favorite device and start on the path toward professionalization”*

The program’s teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train 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.

Master modern inventory management techniques, and everything safety and prevention related in warehouses, with this program.

You will be able to correctly design a warehouse and determine the handling systems needed in a given industry.



02 Objectives

Part of the objectives of this update program is for professionals to learn how to control and organize warehouse operations, transportation, security and distribution, and to introduce students to industrial logistics and the problems surrounding warehouse management, so they know how to practically apply stock calculation and economic batches techniques. It combines a variety of multimedia resources and content in different formats that will allow students to acquire specialized knowledge in a completely online, dynamic and efficient way.





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Upgrade your skills with this warehouse management program that will open doors in competitive industrial environments”



General Objectives

- ◆ Innovatively and creatively develop storage system strategies according to the general company conditions
- ◆ Analyze the importance of the logistics processes in production planning as a key tool for company profitability
- ◆ Identify appropriate strategies to plan logistics and distribution management according to needs
- ◆ Consider digitalization as part of the processes of change in industry
- ◆ Delve deeper into warehouse, transport, distribution and customer service operations
- ◆ Understand industrial logistics and warehouse management issues to correctly plan the handling systems required in a given industry





Specific Objectives

- ◆ Introduce students to industrial logistics and the problems surrounding warehouse management
- ◆ Provide students with practical knowledge of stock and economic lot calculation techniques
- ◆ Describe handling and storage systems mainly used in our environment
- ◆ Acquire the ability to correctly design a warehouse and to determine the handling systems required in a given industry

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A professional in the industrial area must know how to innovate and therefore must be trained with specific programs that provide solutions to their needs”

03

Structure and Content

TECH is a pioneer in the implementation of *relearning* as a study methodology, which has been recognized as an efficient method to understand and memorize knowledge, so it is a breakthrough in the current university system focused on professionals who want to further pursue academic training. This, together with the program design and content, facilitate student learning, providing them with the most transcendental concepts to make the most of their careers.





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The way the program contents are presented makes it easy for you to understand them and you will allow you to quickly advance toward your training objectives”

Module 1. Warehouse Management

- 1.1. Introduction to Industry Logistics
 - 1.1.1. Preliminary Concepts
 - 1.1.2. Evolution of the Concept of Logistics
 - 1.1.3. Company Logistical Systems
 - 1.1.4. Advanced Concepts and New Trends in Logistics
- 1.2. Materials Inventory
 - 1.2.1. Basic Concepts
 - 1.2.2. Basic Inventory Functions
 - 1.2.3. Types of Inventories
 - 1.2.4. Costs Associated to Inventories
 - 1.2.5. ABC Classification
- 1.3. Inventory Procurement and Management
 - 1.3.1. Procurement Function
 - 1.3.2. Supplier Selection and Assessment
 - 1.3.3. Economic Lots
 - 1.3.4. Base and Safety Stock
 - 1.3.5. Stock Replenishment Systems
 - 1.3.6. Inventory Management
- 1.4. Modern Stocks Management Techniques
 - 1.4.1. Basic Concepts
 - 1.4.2. Material Requirements Planning (MRP)
 - 1.4.3. Just-in-Time (JIT) Philosophy
 - 1.4.4. Optimized Production Technology (OPT)
 - 1.4.5. Comparing MRP, JIT and OPT





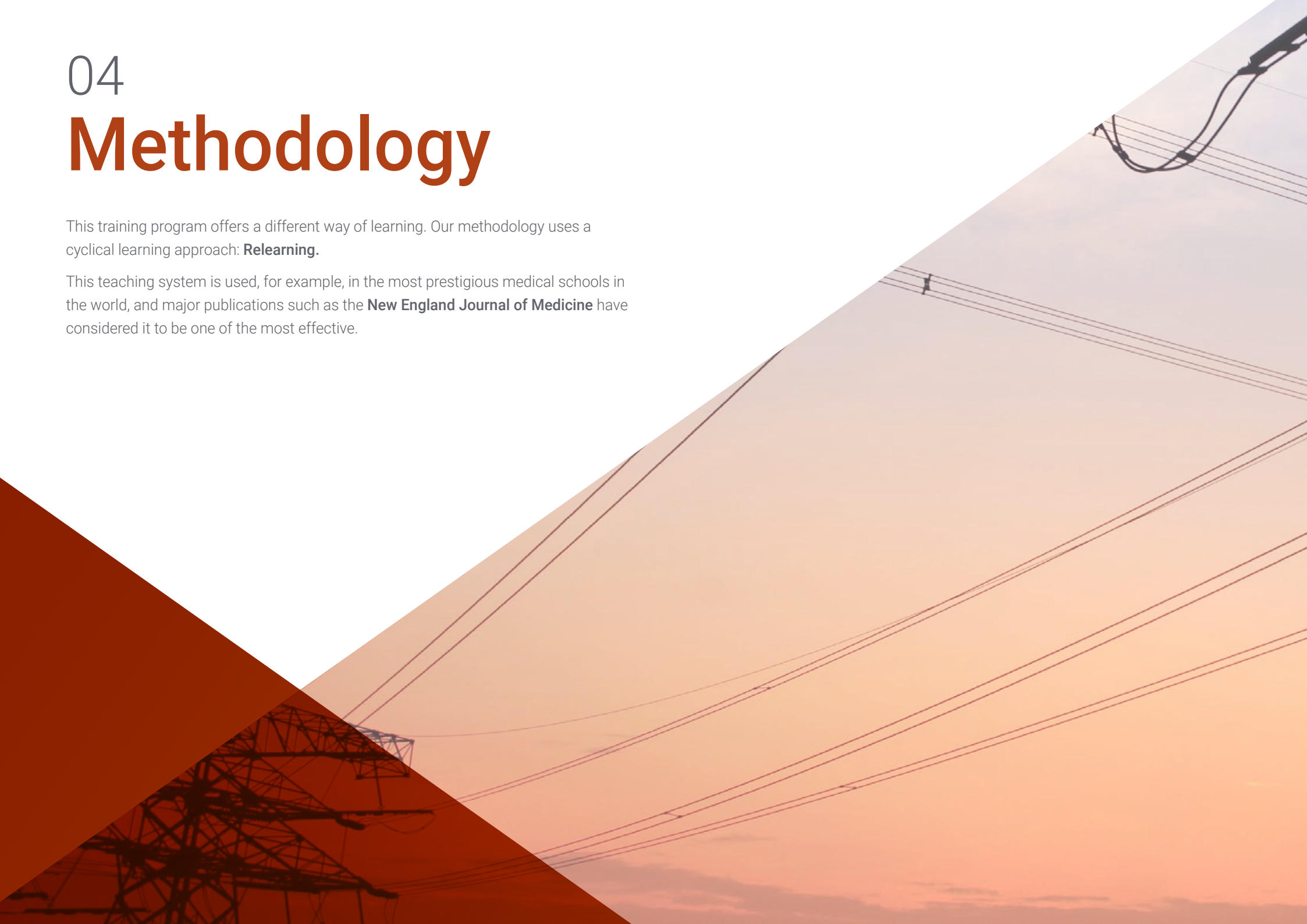
- 1.5. Warehouse Logistics I
 - 1.5.1. Introduction to Storage or Warehousing
 - 1.5.2. Types of Warehouses
 - 1.5.3. Warehouse Layout
 - 1.5.4. Loading and Palletizing Units
- 1.6. Warehouse Logistics II
 - 1.6.1. Storage or Warehouse Systems
 - 1.6.2. Handling Equipment
 - 1.6.3. Warehouse Design Components
 - 1.6.4. Project Methodology
- 1.7. Industrial Handling
 - 1.7.1. Introduction to Industry Handling
 - 1.7.2. Production Handling Systems
- 1.8. Physical Transport and Distribution
 - 1.8.1. The Function of Transport
 - 1.8.2. Modes of Transport
 - 1.8.3. Vehicle Fleet Management
 - 1.8.4. Delivery Route Planning
 - 1.8.5. Efficient Utilization of Vehicle Fleets
- 1.9. Integrating Logistics Activities
 - 1.9.1. Production Chain Evolution
 - 1.9.2. Logistic Circuits and Flows
 - 1.9.3. Logistic Solutions
- 1.10. Warehouse Safety and Prevention
 - 1.10.1. Warehouse Safety
 - 1.10.2. Warehouse Risk Assessment and Prevention
 - 1.10.3. Warehouse Ergonomics and Occupational Accidents

04

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 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 we use the Case Method

Our program offers a revolutionary method of skills and knowledge development. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

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At TECH, you will experience a way of learning that is shaking the foundations of traditional universities around the world”



We are the first online university to combine Harvard Business School case studies with a 100% online learning system based on repetition.



A learning method that is different and innovative.

This intensive Engineering program at TECH Technological University prepares you to face all the challenges in this field, both nationally and internationally. We are committed to promoting your personal and professional growth, the best way to strive for success, that is why at TECH Technological University you will use Harvard case studies, with which we have a strategic agreement that allows us, to offer you material from the best university in the world.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*”

The student will learn, through collaborative activities and real cases, how to solve complex situations in real business environments.

The case method is the most widely used learning system by the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases.

They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

Relearning Methodology

TECH is the first university in the world to combine Harvard University case studies with a 100% online learning system based on repetition, which combines 8 different didactic elements in each lesson.

We enhance Harvard case studies with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH, you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only university in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



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.

This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



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.



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.



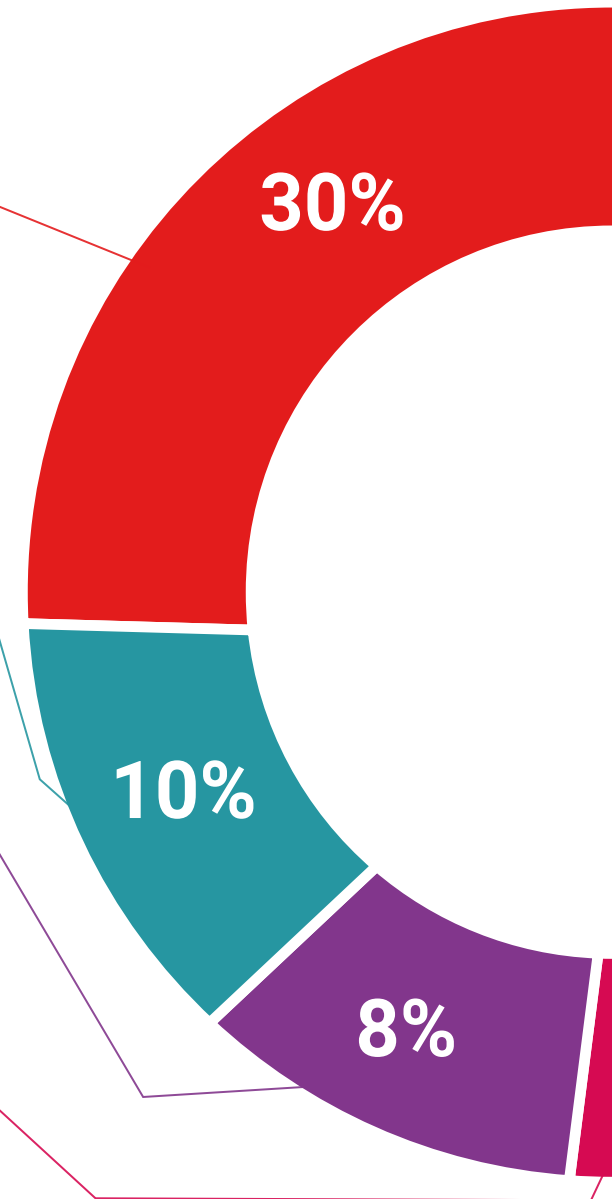
Practising Skills and Abilities

They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization we live in.



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.





Case Studies

They will complete a selection of the best case studies in the field used at Harvard. Cases that are presented, analyzed, and supervised by the best senior management specialists in the world.



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 multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



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 your goals.



05

Certificate

The Postgraduate Certificate in Warehouse Management guarantees, in addition to the most rigorous and up-to-date training, access to a qualification issued by TECH Technological University.



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Successfully complete this training program and receive your university certificate without travel or laborious paperwork"

This **Postgraduate Certificate in Warehouse Management** contains the most complete and up-to-date 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 it meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Warehouse Management**

Official Number of Hours: **150 h.**



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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