Postgraduate Diploma
Warehouse Management

tech *technological university*

Postgraduate Diploma
Warehouse Management

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

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

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Introduction

The optimal functioning of production processes within a company is influenced in a transversal way by warehouse management, which is necessary and mandatory to develop profitable businesses in a competitive and modern environment. Considering production systems, procurement, manufacturing planning, as well as the strategies to be implemented, is part of the day to day of the most demanded professional of the industrial sector in the labor market. That is why we have developed an exclusive program for teaching all the precepts in this subject, 100% online and with the most innovative methodology of the current university environment: Relearning.

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"

This program will allow you to control and organize warehouse operations, transportation, distribution and customer service. Become an expert in 6 months"

Warehouse management is a procedure integrated in the global logistics of the company and that has to do with the reception, storage and movement within the company and the place destined for the safeguarding of all the materials necessary for the production, as well as the finished product, until it reaches the consumer or end user.

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 inventory management, the order management process and distribution. It finds automation as one of its greatest allies to avoid human errors and maximize the use of resources. To this end, this educational program provides the student with all the knowledge regarding the techniques, methodologies and tools most widely implemented in the modern and efficient production environment.

There will be 3 modules of study where the professional will be able to specialize in the most innovative tools used in the current industrial context, obtaining success in their current job performance and making their way towards a promising future. All through the most advanced methodology of the current online university environment, powered by TECH; a total of 450 hours of learning based on Relearning, with a variety of multimedia resources and formats of theoretical and practical content, available from day one to facilitate and streamline the learning process.

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

- Practical cases presented by experts in Industrial Engineering
- 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 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

With this program you will efficiently design a warehouse and determine the handling systems required in a specific industry"

" *Being a professional capable of developing innovative solutions in warehouse management and procurement is a highly sought-after profile in the current and future industrial environment. Enroll now and stand out"*

Dominate the modern techniques of inventory management, as well as everything about safety and prevention in the warehouse, with this program.

You will have all the content from day one. Available 100% online from your favorite device.

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

Its 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 immersion education programmed to learn in real situations.

The design of this program focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

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Objectives

That the professional learns to control and organize warehouse operations, transport, distribution and customer service is part of the objectives of this refresher program, which also seeks to introduce students to industrial logistics and the problems of Warehouse Management, so that they know how to practically apply the techniques of calculating stocks and economic batches. Combining for this, multiple teaching resources with the most advanced technology and study methodology, and with the most exclusive content of the current online university environment.

> *Being a professional expert in warehouse management will open the way to countless opportunities in competitive industrial environments"*

General Objectives

- Understand the elements which make the system of management, company culture and organizational power
- Innovatively and creatively develop production system strategies based on acquired knowledge of mechanics, materials and manufacturing
- Analyze the importance of production planning as a key tool for the company's profitability
- Identify appropriate strategies to plan logistics and distribution management according to the demanded needs
- Consider digitalization as part of the processes of change in the industry
- Gain in-depth knowledge of warehouse operations, transportation, distribution and customer service
- Understand industrial logistics and warehouse management issues in order to correctly design the handling systems required in a given industry
- Deepen understanding of the current regulations on order to develop a correct prevention management system in the organization
- Gain in-depth knowledge of the importance of the correct management of people for the efficient development of processes within a company

Specific Objectives

Module 1. Systems of Production, Procurement and Warehouses
- Identify the fundamental aspects of production systems models and strategies
- Innovatively and creatively apply the acquired knowledge of mechanics, materials and manufacturing
- Identify the phases and operations of the manufacturing processes
- Consider calculations and measures for the implementation of products and installations
- Evaluate the industrial infrastructure (facilities and equipment) to ensure optimal conditions of use
- Understand the design of product and facility implementation projects
- Use multidisciplinary and international teams
- Identify and design maintenance types and plans

Module 2. Operations: Planning, Manufacturing and Warehousing
- Implement techniques to develop the interaction between the store and logistics
- Manage the product catalog, purchasing and procurement requirements
- Control and organize the warehouse operations, transportation, distribution and customer service
- Implement tools for logistic and economic control of business procedures

Module 3. Warehouse Management
- Introduce the student to industrial logistics and the problems of warehouse management
- Provide the student with practical training in stock and economic lot calculation techniques
- Describe the handling and storage systems that are mainly used in the professional's environment
- Acquire the ability to correctly design a warehouse and determine the handling systems required in a given industry

With this program you will be able to implement efficient strategies for the management of a warehouse and determine the handling systems needed in a specific industry. Enroll now"
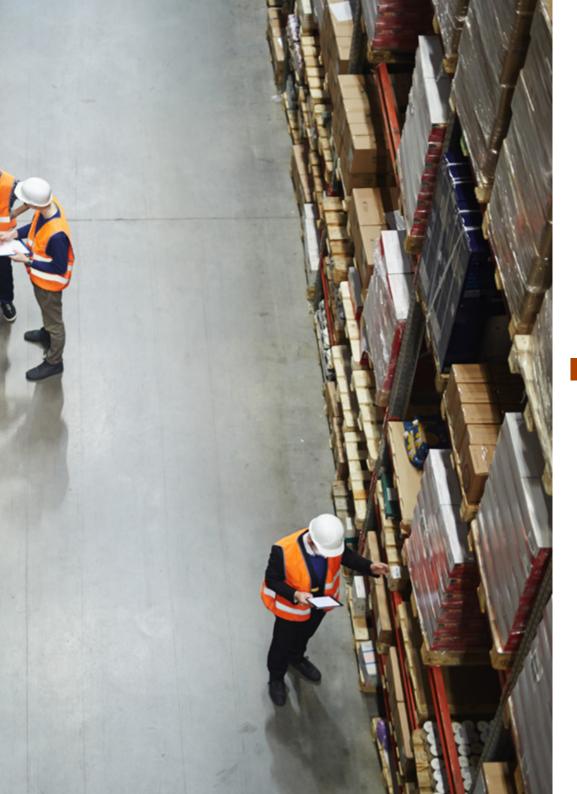
03
Structure and Content

This refresher program has been structured in 3 modules with content aimed at professionals in the industrial sector who wish to specialize in warehouse management, taking into consideration production and procurement systems, as well as operations and logistics, which will help them achieve success in current and future competitive environments. The variety of multimedia resources and content in various formats will allow them to acquire specialized knowledge in a completely online, dynamic and efficient way.

"TECH implements relearning as a 100% online study methodology. This facilitates learning and provides flexibility in the study process"

Module 1. Systems of Production, Procurement and Warehouses

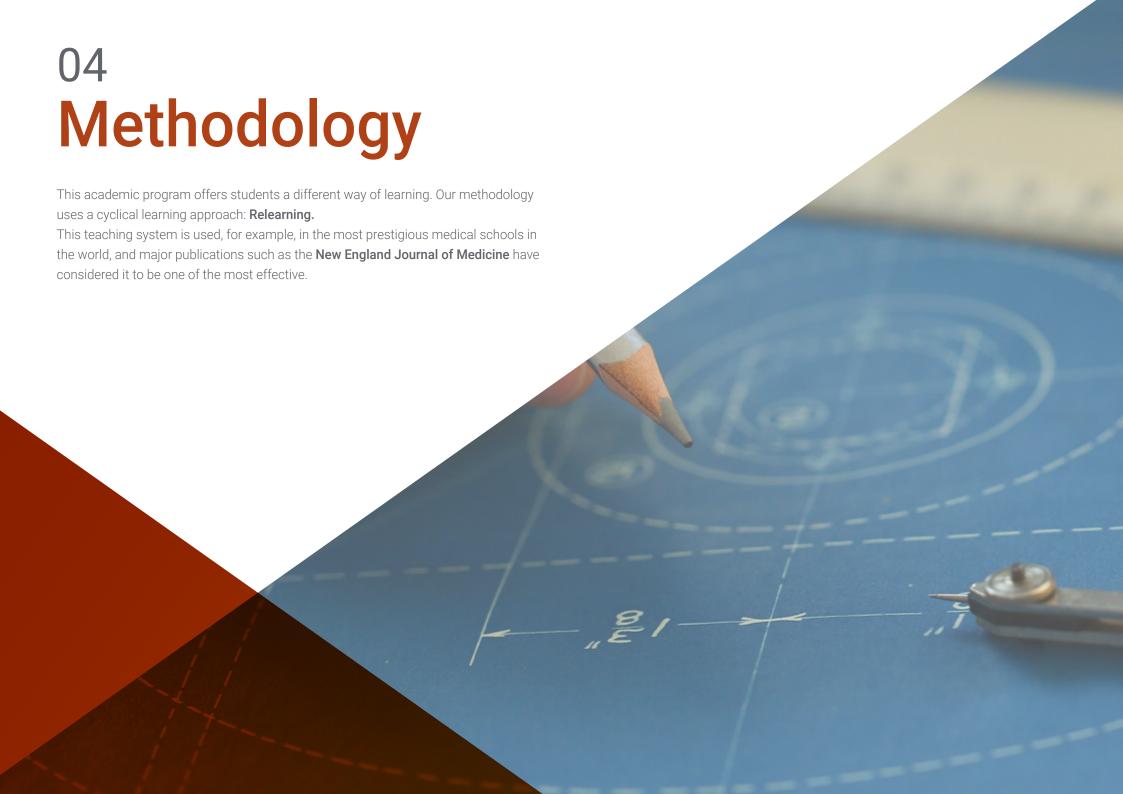## Module 2. Operations: Planning, Manufacturing and Warehousing

Module 3. Warehouse Management

3.1.   Introduction to Integral Logistics
    3.1.1.   Previous Concepts
    3.1.2.   The Evolution of the Concept of Logistics
    3.1.3.   The Logistical System of the Company
    3.1.4.   Advanced Concepts and New Trends in Logistics

3.2.   Materials Inventory
    3.2.1.   Basic Concepts
    3.2.2.   Basic Functions of Inventory
    3.2.3.   Types of Inventory
    3.2.4.   Costs Related to Inventory
    3.2.5.   ABC Classification

3.3.   Procurement and Inventory Management
    3.3.1.   The Provisioning Function
    3.3.2.   Supplier Selection and Evaluation
    3.3.3.   The Economic Lot
    3.3.4.   Base Stock and Safety Stock
    3.3.5.   Inventory Replenishment Systems
    3.3.6.   Inventory Management

3.4.   Modern Tecnhniques of Stock Management
    3.4.1.   Basic Concepts
    3.4.2.   Material Requirements Planning (MRP)
    3.4.3.   Just In Time (JIT) Philosophy
    3.4.4.   Optimized Production Technology (OPT)
    3.4.5.   MRP/JIT/OPT Comparison

3.5.   Warehouse Logistics I
    3.5.1.   Introduction to Warehousing
    3.5.2.   Classes of Warehouses
    3.5.3.   Warehouse Layout
    3.5.4.   Loading and Palletizing Units

3.6.   Warehouse Logistics II
    3.6.1.   Warehousing Systems
    3.6.2.   Handling Equipment
    3.6.3.   Elements of Warehouse Design
    3.6.4.   Methodology of the Project

3.7.   Industrial Handling
    3.7.1.   Introduction to Industrial Handling
    3.7.2.   Handling Systems in Production

3.8.   Transport and Physical Distribution
    3.8.1.   The Function of Transport
    3.8.2.   Modes of Transport
    3.8.3.   Vehicle Fleet Management
    3.8.4.   Planning of Distribution Routes
    3.8.5.   Efficient Use of Vehicle Fleet

3.9.   Integration of Logistical Activities
    3.9.1.   Evolution of the Prodution Chain
    3.9.2.   Logistical Circuits and Flows
    3.9.3.   Logistical Solutions

3.10.   Safety and Prevention in the Warehouse
    3.10.1.   Safety in the Warehouse
    3.10.2.   Risk Evaluation in the Warehouse and its Prevention
    3.10.3.   Ergonomics and Occupational Accidents in the Warehouse

"Enroll now and become expert in Warehouse Management in only 6 months and completely online"

04

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.

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"

Case Study to contextualize all content

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

" *At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

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

The case method is the most widely used learning system in 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.

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

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study 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 one 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.

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)

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 skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

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.

30%

10%

8%

20%

25%

4%

3%

Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best 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 educational system for presenting multimedia content 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 their goals.

Certificate

The Postgraduate Diploma in Warehouse Management guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma 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 Diploma 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 Diploma** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Diploma in Warehouse Management**

Official Nº of Hours: **450 h.**

tech technological university

Awards the following

CERTIFICATE

to

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

POSTGRADUATE DIPLOMA

in

Warehouse Management

This is a qualification awarded by this University, equivalent to 450 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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