Advanced Master's Degree

Senior Logistics Management

AMDSLM

tech technological university

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Advanced Master's Degree
Senior Logistics Management

Language: **English**
Course Modality: **Online**
Duration: **2 years**
Accreditation: **TECH Technological University**
Official Nº of hours: **3,000 h.**
Website: **www.techtitute.com/us/school-of-business/advanced-master-degree/advanced-master-degree-senior-logistics-management**

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01

Welcome

Logistics is one of the most important areas in managing supply chains given the need to correctly plan the whole process for the benefit of the company. In this sense, it is necessary to know how to adapt to changes, mainly technological ones, which makes acquiring a higher specialization like this program essential. This program will train professionals to adapt with ease to the latest developments in the field enabling them to act in the face of both technological changes and fluctuations in the market. This program in Senior Logistics Management is designed to train professionals in this field, with the aim of providing them with the necessary skills to be successful in their companies. To this end, the course will delve into highly relevant areas such as logistics, project management or purchasing and procurement.

Advanced Master's Degree in Senior Logistics Management
TECH Technological University

Specializing in logistics allows professionals to properly manage one of the most important aspects for companies, meaning that costs can be reduced and, as a result, profits can be increased"

02

Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class centre for intensive managerial skills training.

TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success”

At TECH Technological University

Innovation

The university offers an online learning model that combines the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.

The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% | **of TECH students successfully complete their studies**

Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

100,000+
executives trained each year

200+
different nationalities

Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

500+ | **collaborative agreements with leading companies**

Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.

Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.

"At TECH, you will have access to the most rigorous and up-to-date case studies in the academic community"

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:

Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (a postgraduate learning methodology with the highest international rating) with the Case Study. A complex balance between tradition and state-of-the-art, within the context of the most demanding academic itinerary.

Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

03

Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.

We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you training of the highest academic level"

This program will provide students with a multitude of professional and personal advantages, particularly the following:

01

A significant career boost

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of participants achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of companies

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional areas.

Our global vision of companies will improve your strategic vision.

03

Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04

Take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05

Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06

Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different areas in companies.

20% of our students develop their own business idea.

07

Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08

Be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified professors from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to train with a team of world renowned teachers.

04

Objectives

This program is designed to strengthen management and leadership skills, as well as to develop new skills and abilities that will be essential to your professional development. After the program, you will be equipped to make global decisions from an innovative perspective with international vision.

Acquire the necessary training to play an essential role in logistics management for your company"

TECH makes the goals of their students their own goals too. Working together to achieve them.

The **Advanced Master's Degree in Senior Logistics Management** qualifies students to:

01 Define purchasing/procurement policies within the framework of integrated logistics

02 Develop an international vision of the supply chain

03 Increase student employability

04 Expand knowledge of areas complementary to project management; business strategy and financial management

05 Define the policies, practices and levers that shape purchasing management, as well as customer-supplier relations

06 Use the most appropriate purchasing tools for the selecting and evaluating the best suppliers

07 Structure the requirements in the area of purchasing

08 Implement productivity improvement and cost reduction plans

09 Evaluate and measure results by identifying key indicators

10 Develop negotiation strategies that generate stable and positive relationships with suppliers

11 Carry out and manage purchase performance and audits

12 Develop strategies to optimize customer service and improve the profitability in the national and international market

13 Apply Lean Management concepts throughout the supply chain

14 Describe the latest advances in the sector, thanks to the collaboration of the public sector and the private business sector, both nationally and internationally

15 Implement techniques to develop the interaction between store and logistics, catalog management, purchasing and procurement, warehouse operations, transportation and distribution, customer service, etc

16 Implement tools for operational and economic control of business procedures

18 Describe in depth the value creation mechanisms of the supply chain

19 Explain the interactions and impact of operative decisions on the rest of the business functions

17 Describe the procedures for establishing decision criteria for process outsourcing, RFQs and signing logistics service contracts

20 Compete through processes innovation

21 Moving from the technical management side to the executive side within organizations

22 Improve the management of people and high-performance teams

23 Know how to manage companies, work and people in highly uncertain environments

24 Have a horizontal and vertical vision of the organizations

25 Improve execution capacity

26 Know how to work more effectively, more agile and more aligned with new technologies and current tools

05

Skills

After passing the evaluations for the Advanced Master's Degree in Senior Logistics Management, professionals will have acquired the necessary skills for a quality up-to-date praxis based on the most innovative didactic methodology.

This Advanced Master's Degree will give you the opportunity to develop the necessary skills to become more competent in your daily practice"

01 Carry out a financial diagnosis of the company

02 Conduct a market analysis to understand the company's situation and that of its competitors

03 Improve purchasing and procurement processes

04 Understand the importance of audits in the company's purchasing and procurement process

05 Understanding the company and the logistics process from an international strategic perspective

06 Gain knowledge in commercial, labor and tax law related to the company

07 Carry out and manage purchase performance and audits

08 Find and select the most appropriate suppliers for the company

09 Have an international logistics plan to improve company profits

10 Apply the highest quality standards across all projects and processes

11 Organize the different departments of a business, with special emphasis on the area of logistics

12 Understand the functions and skills required of management, developing these skills and putting them into practice during professional development

13 Organize the different sales structures and channels

14 Carry out a correct economic control of purchases

15 Understand the supply chain in depth to be able to manage the logistic processes in an appropriate way

16 Perform strategic management of purchases, applying the appropriate tools to ensure a successful operation

17 Apply the appropriate tools for quality control of the different operations of the business

18 Design and manage a strategic plan for IT projects

19 Do the financial accounting for the supply chain, ensuring correct analysis and planning is carried out

20 Understand the relationship between business strategy, portfolios, programs and projects

21 Learn to manage companies in environments of high uncertainty

22 Better manage your own personal time and the time of others

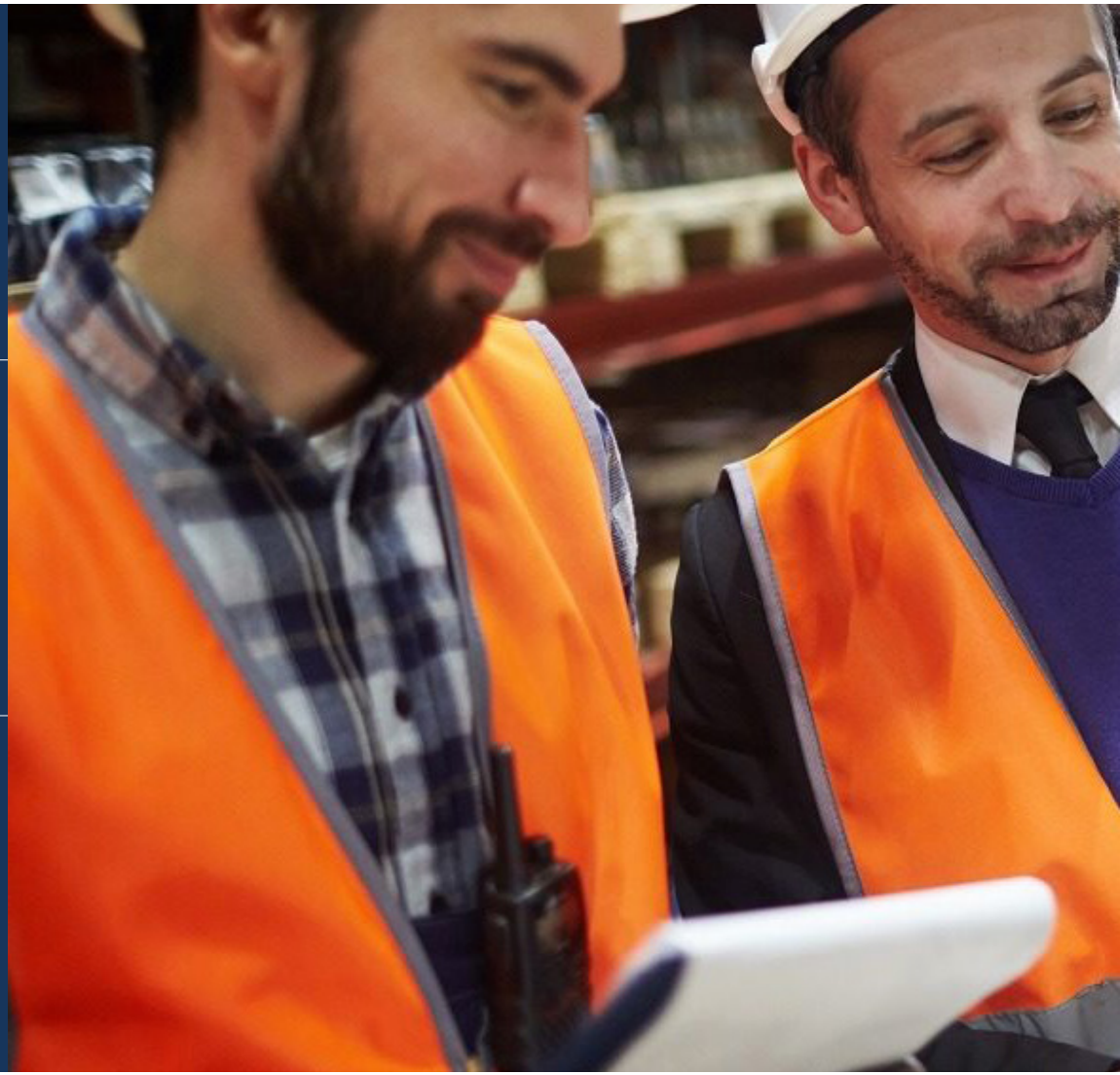
23 Learn to communicate in changing environments and crisis environments

24 Understand how to manage a high-performance team

25 Learn to perform tasks in an agile way, minimizing time and eliminating tasks that do not add value

26 Know how to analyze the income statement of companies

27 Understand the main financial indicators of organizations



28 Design and implement PMO structures within an organization

29 Understand the keys to successful R+D+I management in organizations

30 Identify the direct and indirect costs associated with any business activity

06

Structure and Content

The Advanced Master's Degree in Senior Logistics Management is a program designed to cater for professionals and is taught in a 100% online format so that they can choose the time and place that best suits their availability, schedule and interests. A program that takes place over 24 months and is intended to be a unique and stimulating experience that lays the foundations for their success as a logistics managers.

Specialize in logistics management with the most up-to-date program on the market"

Syllabus

This TECH Technological University Advanced Master's Degree in Senior Logistics Management is an intense program that prepares you to face challenges and business decisions both on a national and international level. Its content is designed to promote the development of managerial skills that enable more rigorous decision-making in uncertain environments.

Over the course of 3,000 hours, students will analyze a multitude of practical cases through individual work, achieving global learning that will be very useful for daily work. It is, therefore, an authentic immersion in real business situations.

This program deals in depth with all areas within a company and is designed to help managers understand strategic management from a strategic, international and innovative perspective.

A plan designed for professionals, focused on their professional improvement, that also prepares them to achieve excellence in the field of leadership and business management. A program that understands your needs and those of your company through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional teaching staff, which will give you the skills to solve critical situations in a creative and efficient way.

This Advanced Master's Degree takes place over 24 months and is divided into 23 modules:

Module 1	Managementand Leadership
Module 2	Market Research
Module 3	Global Sourcing
Module 4	Performance and Auditing
Module 5	Financial Supply Chain Management
Module 6	Socio-Ecological Impact
Module 7	Business and Operations Strategy
Module 8	Supply Chain Management Planning and Execution
Module 9	Operative Strategy and Management Methodologies
Module 10	Supply Chain and Demand Management
Module 11	International Operations Applying Lean Logistics
Module 12	Strategic Purchasing Management

Module 13	Strategic Project Management
Module 14	Project Scope and Schedule
Module 15	Project Financial Management
Module 16	Recruitment and Project Quality
Module 17	People and Resource Management
Module 18	Innovative Organizations and Projects
Module 19	Agile Methodologies
Module 20	PMO
Module 21	Project Risk Management
Module 22	Introduction to Project Finance
Module 23	Innovation, E-Logistics and Supply Chain Technology

Where, When and How is it Taught?

TECH offers the possibility of developing this Advanced Master's Degree in Senior Logistics Management completely online. Over the course of 24 months, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

A unique, key, and decisive educational experience to boost your professional development and make the definitive leap.

Module 1. Management and Leadership

1.1. General Management
1.1.1. Integrating Functional Strategies into Global Business Strategies
1.1.2. Management Policy and Processes
1.1.3. Society and Enterprise

1.2. Strategic Management
1.2.1. Establish the Strategic Position: Mission, Vision and Values
1.2.2. Developing New Businesses
1.2.3. Growing and Consolidating Companies

1.3. Competitive Strategy
1.3.1. Market Analysis
1.3.2. Sustainable Competitive Advantage
1.3.3. Return on Investment

1.4. Corporate Strategy
1.4.1. Driving Corporate Strategy
1.4.2. Pacing Corporate Strategy
1.4.3. Framing Corporate Strategy

1.5. Planning and Strategy
1.5.1. The Relevance of Strategic Management in the Process of Management Control
1.5.2. Analysis of the Environment and the Organization
1.5.3. Lean Management

1.6. Talent Management
1.6.1. Managing Human Capital
1.6.2. Environment, Strategy, and Metrics
1.6.3. Innovation in People Management

1.7. Management and Leadership Development
1.7.1. Leadership and Leadership Styles
1.7.2. Motivation
1.7.3. Emotional Intelligence
1.7.4. Efficient Meetings

1.8. Change Management
1.8.1. Performance Analysis
1.8.2. Leading Change. Resistance to Change
1.8.3. Managing Change Processes
1.8.4. Managing Multicultural Teams

1.9. Negotiation
1.9.1. Intercultural Negotiation
1.9.2. Negotiation Focuses
1.9.3. Effective Negotiation Techniques
1.9.4. Restructuring

Module 2. Market Research

2.1. New Competitive Environment
2.1.1. Technological Innovation and Economic Impact
2.1.2. Society of Knowledge
2.1.3. The New Consumer Profile

2.2. Quantitative Research Methods and Techniques
2.2.1. Variables and Measurement Scales
2.2.2. Information Sources
2.2.3. Sampling Techniques
2.2.4. The Treatment and Analysis of Data

2.3. Qualitative Research Methods and Techniques
2.3.1. Direct Techniques: Focus Groups
2.3.2. Anthropological Techniques
2.3.3. Indirect Techniques
2.3.4. The Two Face Mirror and the Delphi Method

2.4. Market Segmentation
2.4.1. Market Typologies
2.4.2. Concept and Analysis of Demand
2.4.3. Segmentation and Criteria
2.4.4. Defining the Target Audience

2.5. Types of Buying Behavior
2.5.1. Complex Behavior
2.5.2. Dissonance-Reducing Behavior
2.5.3. Variety-Seeking Behavior
2.5.4. Habitual Behavior

2.6. Marketing Information Systems
2.6.1. Conceptual Approaches to Marketing Information Systems
2.6.2. Data Warehouse and Data Mining
2.6.3. Geographical Information Systems

2.7. Research Project Management
2.7.1. Information Analysis Tools
2.7.2. Developing an Expectation Management Plan
2.7.3. Assessing Project Feasibility

2.8. Marketing Intelligence
2.8.1. Big Data
2.8.2. User Experience
2.8.3. Applying Techniques

Module 3. Global Sourcing

3.1. Global Economic Environment
3.1.1. The Fundamentals of the Global Economy
3.1.2. The Globalization of Companies and Financial Markets
3.1.3. Growth & Development in Emerging Markets
3.1.4. International Monetary System

3.2. Adaptation of Purchasing to Global Sourcing
3.2.1. Purchasing Structure
3.2.2. The Need for New Skills
3.2.3. Intermediaries

3.3. Import Management
3.3.1. Customs, Export and Import processes
3.3.2. International Commerce Institutions and Agreements
3.3.3. Customs Legislation
3.3.4. Plant Management and International Purchasing

3.4. International Logistics Distribution
3.4.1. International Logistics Platforms
3.4.2. International Transport Operator
3.4.3. Hubs and Distribution

3.5. Incoterms and International Document Management
3.5.1. Exportation or Implantation
3.5.2. Agency, Distribution and International Sales and Purchase Agreements
3.5.3. Industrial and Intellectual Property
3.5.4. Taxes and Tariffs Classification

3.6. Methods and Means of International Payment
3.6.1. Payment Method Selection
3.6.2. Documentary Credit
3.6.3. Bank Guarantee and Documentary Credit

3.7. International Lean Logistics
3.7.1. Lean Fundamentals Applied to International Logistics
3.7.2. Main Implications and Requirements
3.7.3. Other Methodologies to Improve the Process

Module 4. Performance and Auditing

4.1. General Aspects of Business Management Indicators
4.1.1. Functions of Management Indicators
4.1.2. Indicator Panel and Balance Score Card
4.1.3. Logistics Indicators

4.2. Starting Material Purchase Indicators
4.2.1. Efficiency Indicators
4.2.2. Economic Indicators
4.2.3. Internal Customer Relations Indicators
4.2.4. Procurement Effectiveness Indicators
4.2.5. Procurement Efficiency Indicators
4.2.6. Purchasing Objectives

4.3. Service Purchasing Indicators
4.3.1. Economic Indicators
4.3.2. Procurement Effectiveness Indicators
4.3.3. Efficiency Indicators
4.3.4. Relationship Indicators
4.3.5. Relationship Indicators in Internal Customers

4.4. Other Indicators
4.4.1. Performance Indicators
4.4.2. Purchasing Team Productivity Indicators

4.5. Purchasing Audit
4.5.1. General Auditing Policy
4.5.2. Audit Objectives
4.5.3. Scope of the Audit in Terms of Purchase Control
4.5.4. Internal Audits, Training, and Contractor Policies and Procedures

4.6. Benchmarking in Purchasing Management
4.6.1. Types of Benchmarking
4.6.2. How to Benchmark the Market
4.6.3. Benefits and Advantages of Applying Benchmarking in a Purchasing Department
4.6.4. Benchmarking Measurement

Module 5. Financial Supply Chain Management

5.1. Global Economic Environment
5.1.1. The Fundamentals of the Global Economy
5.1.2. The Globalization of Companies and Financial Markets
5.1.3. Entrepreneurship and New Markets

5.2. Financial Accounting
5.2.1. Company Accounting Information
5.2.2. Situation Balance
5.2.3. Amortization

5.3. Management Accounting
5.3.1. Processing Expenses and Costs
5.3.2. Cost Allocation Systems
5.3.3. Treasury Budget

5.4. Financial Analysis and Planning
5.4.1. Balance Sheet Analysis
5.4.2. Income Statement Analysis
5.4.3. Profitability Analysis

5.5. Financial Diagnosis
5.5.1. Indicators for Analyzing Financial Statements
5.5.2. Profitability Analysis
5.5.3. Economic and Financial Profitability of a Company

5.6. Economic Analysis of Decisions
5.6.1. Budget Control
5.6.2. Competitive Analysis Comparative Analysis
5.6.3. Decision-Making Business Investment or Divestment

5.7. Key Financial Aspects in Operations Management
5.7.1. Efficient Value Chain Management
5.7.2. Creating Positive Effects on the Company's Financial Indicators
5.7.3. Strategies to Generate Cash

5.8. Tools for Operations Management in Times of Crisis
5.8.1. Sensitivity Analysis
5.8.2. Quantifying Probability and Impact
5.8.3. Risk Perception

5.9. Profitability and Efficiency of Logistics Chains: KPIS
5.9.1. Profitability, Liquidity and Asset Use
5.9.2. Shareholder Value
5.9.3. Financial and Non-Financial Profitability in the Supply Chain

5.10. Logistics Costs
5.10.1. Logistics Costs in Internal Operations vs. 3PL
5.10.2. Procurement Costs
5.10.3. Import-Associated Costs
5.10.4. Storage Costs, Picking and Packing
5.10.5. Distribution Costs

Module 6. Socio-Ecological Impact

6.1. Corporate Social Responsibility
6.1.1. Strategic Vision and Corporate Social Responsibility
6.1.2. Systems and Models for Implementing CSR
6.1.3. CSR Organization
6.1.4. Roles and Responsibilities

6.2. SCM and Corporate Responsibility
6.2.1. Value Creation in an Economy of Intangibles
6.2.2. CSR: Corporate Commitment
6.2.3. Social, Environmental, and Economic Impact

6.3. Responsible Finance and Investment
6.3.1. Transparency in Information
6.3.2. Finance and Responsible Investment
6.3.3. Social Economy, Cooperativity and Corporate Social Responsibility

6.4. Business and Environment
6.4.1. Sustainable Development
6.4.2. Legislative Development in Environmental Responsibility
6.4.3. Response of Companies to Environmental Problems
6.4.4. Waste and Emissions

6.5. Responsible Management Systems and Tools
6.5.1. Social Responsibility Management Systems
6.5.2. Quality Management Systems, the Environment and Occupational Health and Safety
6.5.3. Audits

6.6. Business Ethics
6.6.1. Ethical Behavior in Companies
6.6.2. Deontology and Ethical Codes
6.6.3. Fraud and Conflicts of Interest

Module 7. Business and Operations Strategy

7.1. Fundamentals and Historical Evolution of SCM
7.1.1. Historical Evolution of Operations Approaches
7.1.2. Scale Economies at the Beginning of the 20th Century
7.1.3. Evolution to current ERP

7.2. New Scenarios in Supply Chain Management
7.2.1. Management in Multicultural Environments
7.2.2. Innovation in SCM
7.2.3. Demand Orientation through Flexible Operations
7.2.4. Philosophies and Techniques Employed in Japan

7.3. A Global Vision of Supply Chain Management
7.3.1. Opportunities and Threats in SCM
7.3.2. Strategic Design for the Supply Chain
7.3.3. Tendencies

7.4. Operations Strategy
7.4.1. Introduction to Strategy and Strategic Levels
7.4.2. Process Management
7.4.3. Managing Stocks

7.5. Logistics Decision Making
7.5.1. Analysis of Decisions
7.5.2. Global Operations Direction and Planning
7.5.3. Risk Management in SC
7.5.4. Decision Making: Hard and Soft

7.6. Lean Operations Strategy
7.6.1. Strategic Synergies with Functional Areas
7.6.2. Logistics Operators
7.6.3. Process-Product Matrix

Module 8. Supply Chain Management Planning and Execution

8.1. Production Planning
8.1.1. Advanced Techniques and Systems for Production and Quality Management
8.1.2. Effective Demand Planning and Management
8.1.3. Advanced Sales & Operations Planning
8.1.4. Programming and Production Control

8.2. Demand Management from a Lean Perspective
8.2.1. Master Planning
8.2.2. Lean Design of Product and Process Structures

8.3. Lean Planning
8.3.1. Value Stream Map
8.3.2. Planning and Programing Systems in Lean
8.3.3. Planning and Programming Techniques in Lean

8.4. Operations Planning and Programming
8.4.1. Materials Planning
8.4.2. Resource Planning
8.4.3. Distribution Planning
8.4.4. Information Systems for Planning

8.5. Structure and Types of Production
8.5.1. Make-to-Order Production Features
8.5.2. Process-Oriented Production Features
8.5.3. Product-Oriented Production Features

8.6. Supply Relationship Management
8.6.1. Customer Service Global Management
8.6.2. Efficient Consumer Response
8.6.3. Customer-Supplier Partnership Programs

Module 9. Operative Strategy and Management Methodologies

9.1. Lean Management
9.1.1. The Basic Principles of Lean Management
9.1.2. Improvement and Problem-Solving Groups
9.1.3. New Forms of Maintenance and Quality Management

9.2. Process Improvement and Rapid Response Manufacturing (RRM) Techniques
9.2.1. Kaizen, Soifuku, Ishikawa
9.2.2. Smed, Shoninka, Shojinka
9.2.3. Jidoka, Kanban, Heijunka

9.3. Total Quality Management and Advanced Project Management
9.3.1. TQM (Total Quality Management)
9.3.2. Six Sigma as a Business Management System
9.3.3. EFQM Model

9.4. Lean Manufacturing Diagnosis
9.4.1. Operations Strategy and Lean manufacturing
9.4.2. Quantitative Diagnosis
9.4.3. Qualitative Diagnosis
9.4.4. Assessment Tools Lean

9.5. Lean Manufacturing Tools
9.5.1. Quality Improvement Tools
9.5.2. Cost Improvement Tools
9.5.3. Deadline Improvement Tools
9.5.4. Tools for Improving Personnel Involvement

9.6. Policy Deployment Hoshin Kanri
9.6.1. Policy Deployment
9.6.2. Management Control
9.6.3. Balanced Scorecard
9.6.4. Management Indicators

Module 10. Supply Chain and Demand Management

10.1. Supply Chain Design and Management
10.1.1. Environment Conditions
10.1.2. Competitive Factors
10.1.3. Innovation, Challenges and Gaps

10.2. Demand Management and Resource Planning
10.2.1. Operations and Supply Chain Analysis by Sector
10.2.2. Inventory Management by Order Point

10.3. Key Aspects of the Supply Chain
10.3.1. Order Entry Points
10.3.2. Stock Points
10.3.3. Customization Points
10.3.4. Sales Forecasting Points

10.4. Supply Chain and Excellence in Customer Service
10.4.1. Efficient Manufacturing and Delivery
10.4.2. Excellence in Customer Service as a Competitive Advantage
10.4.3. Measuring Tools for Customer Service Excellence

10.5. Innovation and Product Engineering
10.5.1. Product Development Management
10.5.2. Prototypes

10.6. Organizations and Product Development
10.6.1. Systems Engineering
10.6.2. Purchasing in Product Development
10.6.3. Industrialization and Manufacturing

10.7. Strategic Planning Design throughout the Supply Chain
10.7.1. Bottleneck Planning
10.7.2. Decoupling Points
10.7.3. Systems in Pull

10.8. Establishing Work Sequences
10.8.1. Process Grouping in Loops
10.8.2. Sizing and Role of Stocks
10.8.3. Sequence Level and Determination

10.9. Reverse Logistics and Sustainability
10.9.1. Returns, Rejections and Refunds
10.9.2. Household Collection Management
10.9.3. Warehouse Management
10.9.4. Reverse Flow Traceability

10.10. Customer Service
10.10.1. Customer Service as a Winning Strategy
10.10.2. Customer Communication Channels
10.10.3. Online Store Integration
10.10.4. Service Centers On-line

Module 11. International Operations Applying Lean Logistics

11.1. Global Supply Chain
11.1.1. Global Supply Chain Planning
11.1.2. Global Supply Chain Management: Logistics and International Markets
11.1.3. The Triple Axis Supply Chain

11.2. Import Management
11.2.1. Customs, Export and Import Processes
11.2.2. International Commerce Institutions and Agreements
11.2.3. Customs Legislation
11.2.4. Plant Management and International Purchasing

11.3. International Logistics Distribution
11.3.1. International Logistics Platforms
11.3.2. International Transport Operator
11.3.3. Hubs and Distribution

11.4. Incoterms and International Document Management
11.4.1. Exportation or Implantation
11.4.2. Agency, Distribution and International Sales and Purchase Agreements
11.4.3. Industrial and Intellectual Property
11.4.4. Taxes and Tariffs Classification

11.5. Methods and Means of International Payment
11.5.1. Payment Method Selection
11.5.2. Documentary Credit
11.5.3. Bank Guarantee and Documentary Credit

11.6. International Lean Logistics
11.6.1. Fundamentals in Lean Applied to International Logistics
11.6.2. Logistics Waste Elimination Strategies
11.6.3. Main Implications and Requirements
11.6.4. Other Methodologies to Improve the Process

11.7. Lean Operative
11.7.1. Lean Decisions
11.7.2. Tools in Lean
11.7.3. Lean and Continuous Improvement in SCM

11.8. Creating Value
11.8.1. Definition of International Logistics Strategies
11.8.2. Economic Value Added
11.8.3. International Projects

Module 12. Strategic Purchasing Management

12.1. Strategic Purchasing Management
12.1.1. New Challenges in Purchasing, Sourcing and Procurement Management
12.1.2. Company and Supply Chain Purchasing Function
12.1.3. Purchasing Function as a Resource Provider
12.1.4. Purchasing Function Legal Aspects

12.2. Lean Management in Purchasing Processes
12.2.1. Lean Buying
12.2.2. Outsourcing in SCM
12.2.3. Lean Supplying

12.3. Purchasing Strategy Design
12.3.1. Externalization
12.3.2. Process Outsourcing
12.3.3. Globalization
12.3.4. Relocation

12.4. Outsourcing-Insourcing
12.4.1. Purchasing Models and Processes
12.4.2. Segmentation Models
12.4.3. Role of E-Procurement

12.5. Strategic Sourcing
12.5.1. Supplier Selection and Development
12.5.2. Value Generation from Strategic Procurement
12.5.3. Logistic Operators in Procurement

12.6. Warehouse Design and Management
12.6.1. Advanced Warehouse Design
12.6.2. Picking and Sorting
12.6.3. Material Flow Control

12.7. Lean Warehouse
12.7.1. The Fundamentals of Lean Warehousing
12.7.2. Inventory Management Systems
12.7.3. Radio Frequency in Warehouse Design

12.8. Transportation and Distribution Management
12.8.1. Coordination Between Transport and Warehousing
12.8.2. Logistics Activity Zones (LAZ)
12.8.3. Air and Inland Freight Transportation Regulations and Agreements

12.9. Internal Logistics
12.9.1. Calculating Requirements
12.9.2. Warehouses Typology in a JIT System
12.9.3. DOUKI SEISAN Supplies
12.9.4. Lean Materials Handling

Module 13. Strategic Project Management

13.1. Strategic Project Management and the Company	13.2. Competitive Business Strategy	13.3. Corporate Business Strategy	13.4. Project Management Framework
13.5. Integration and Knowledge Management	13.6. Areas of Knowledge in Project Management	13.7. Project Change Management: Training Management	13.8. Stakeholder Management
13.9. Project Communication Management	13.10. Traditional and Innovative Methodologies		

Module 14. Project Scope and Schedule

14.1. Program and Project Portfolio Management	14.2. Project Scope Management	14.3. Requirements Gathering and Scope Definition	14.4. Breakdown of Project Objective into Activities (WBS)
14.5. Validate and Control the Scope	14.6. Strategic Time Planning in Project Management	14.7. Project Life Cycle	14.8. Efficient Time and Deadline Planning
14.9. Task Estimation Tools	14.10. Schedule Execution and Control		

Module 15. Project Financial Management

15.1. Financial Plan	15.2. Financial Model	15.3. Project Viability Analysis	15.4. Project Sensitivity Management
15.5. Project Cost Management	15.6. Project Cost Estimation	15.7. Project Cost Control - EVM	15.8. Economic Analysis of Decisions
15.9. MsProject Tools	15.10. Digital Tools and Systems for Project Management		

Module 16. Recruitment and Project Quality			
16.1. Acquisition Planning	16.2. Supplier Search Planning	16.3. Supplier Relationship Management	16.4. Legal Aspects of Recruitment
16.5. Contract Management and Administration	16.6. Project Sale Management	16.7. Lean Management	16.8. Process Improvement Techniques
16.9. Total Quality Management and Advanced Project Management	16.10. Lean Tools for Project Management		

Module 17. People and Resource Management			
17.1. Organizational Culture	17.2. Organization Management	17.3. Talent Management and Commitment	17.4. Motivation
17.5. People Management and the Project Manager	17.6. Corporate Responsibility	17.7. Professional Ethics	17.8. Project Manager Executive Skills and Management Techniques
17.9. Negotiation	17.10. Project Resource Management		

Module 18. Innovative Organizations and Projects			
18.1. Organizational Change Management	18.2. Communication in Organizations	18.3. Creative Thinking: Innovation	18.4. Process Engineering and Product Engineering
18.5. Strategic Innovation Intelligence	18.6. Entrepreneurship and Innovation	18.7. Launch and Industrialization of New Products	18.8. R&D%I Management Systems
18.9. Direction and Management of R&D&I Projects	18.10. Project Management for Start-Ups		

Module 19. Agile Methodologies			
19.1. Introduction to Agile Methodologies	19.2. Iterative, Adaptive, Predictive and Hybrid Lifecycles	19.3. Introduction to Scrum	19.4. Agile Team Management
19.5. Scrum Events	19.6. Artifacts in Scrum	19.7. Agile Estimating and Planning	19.8. Metrics
19.9. Collaborative Tools	19.10. Organizational Agility		

Module 20. PMO			
20.1. Introduction to the Project Management Office	20.2. Functions of the Project Management Office	20.3. Creating the Conditions for Change Leading Organizational Change	20.4. PMO Vision and Strategy
20.5. PMO Model Design	20.6. PMO Resource Plan	20.7. PMO Implementation	20.8. PMO Operation and Tools
20.9. Project Management Culture and Organization Knowledge Management	20.10. Agile PMO		

Module 21. Project Risk Management			
21.1. Introduction to Risk Management	21.2. Project Risk Management Planning	21.3. Risk Identification	21.4. Qualitative Risk Analysis
21.5. Risk Prioritization	21.6. Quantitative Risk Analysis	21.7. Scenario Analysis and Risk Response Plans	21.8. Implementation of Risk Response
21.9. Risk Monitoring and Control	21.10. Lessons Learned and Knowledge Management		

Module 22. Introduction to Project Finance			
22.1. Introduction to Corporate Finance	22.2. Financial Statements and Cash Flows	22.3. Time Value of Money and Discounted Cash Flows	22.4. Fixed Income Valuation
22.5. Equity Valuation	22.6. Financial Investment Criteria: Capital Budgeting	22.7. Project Analysis	22.8. Risk and Return: The Cost of Capital
22.9. Liability Structure	22.10. Treasury and International Finance		

Module 23. Innovation, E-Logistics and Supply Chain Technology			
23.1. Financial Diagnosis	23.2. Economic Analysis of Decisions	23.3. Investment Valuation and Portfolio Management	23.4. Purchasing Logistics Management
23.5. Supply Chain Management	23.6. Logistical Processes	23.7. Logistics and Customers	23.8. International Logistics

A very well-structured program that will allow you to specialize in the field of logistics"

07

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"

TECH Business School uses the 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"

This program prepares you to face business challenges in uncertain environments and achieve business success.

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

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.

> *You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"*

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

Relearning Methodology

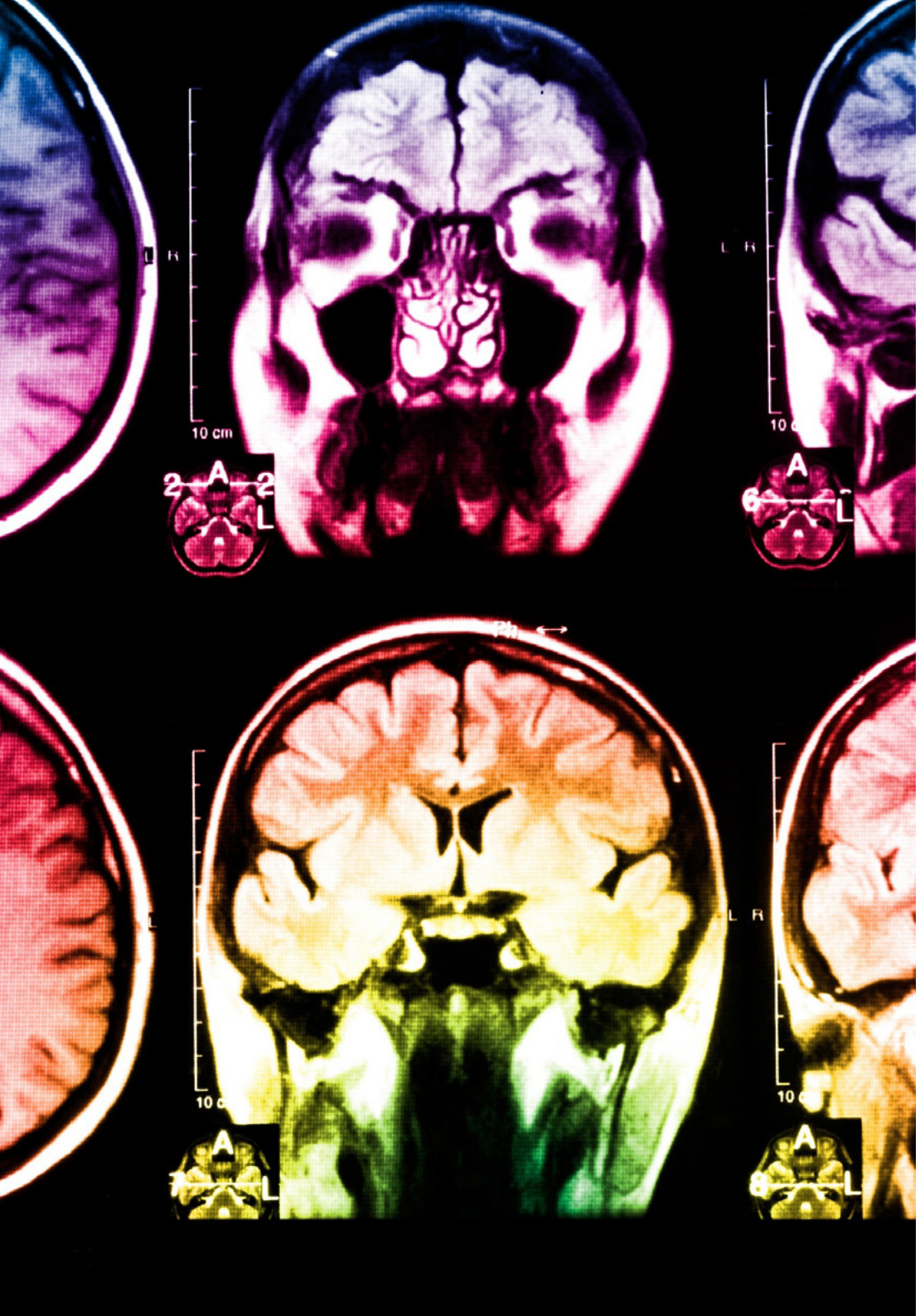
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

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 online business school is the only one in the world licensed to incorporate 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. With this methodology we have 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, markets, and financial 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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.

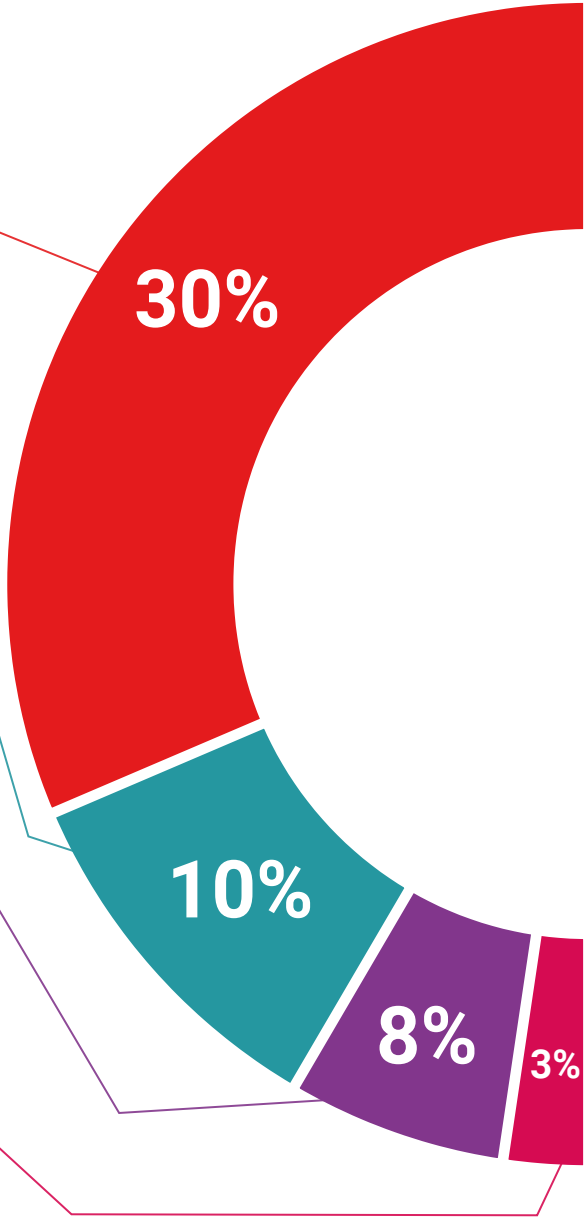
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

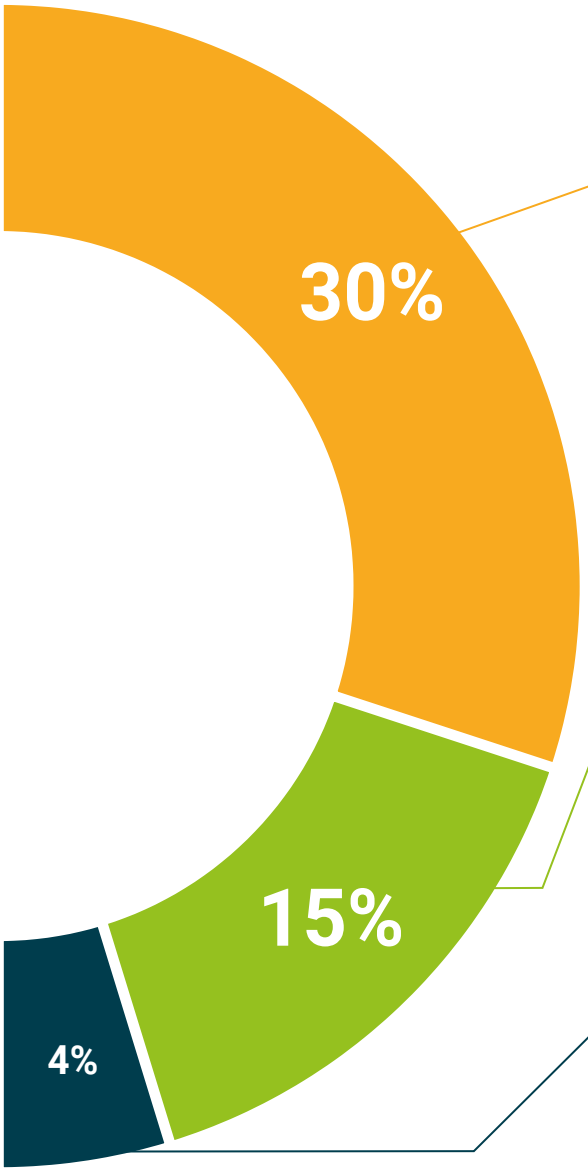
Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager 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

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 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 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.

08

Our Students' Profiles

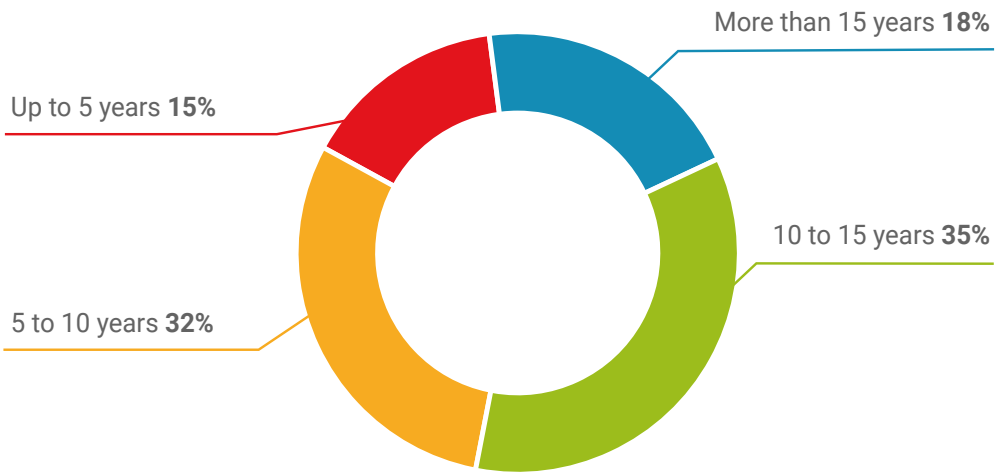
TECH's Advanced Master's Degree in Senior Logistics Management is a program aimed at experienced professionals who want to update their knowledge and advance their professional career. This program uses a multidisciplinary approach as students have a diverse set of academic profiles and represent multiple nationalities.

If you are looking for a quality program that will allow you to improve your skills, enroll on this Advanced Master's Degree"

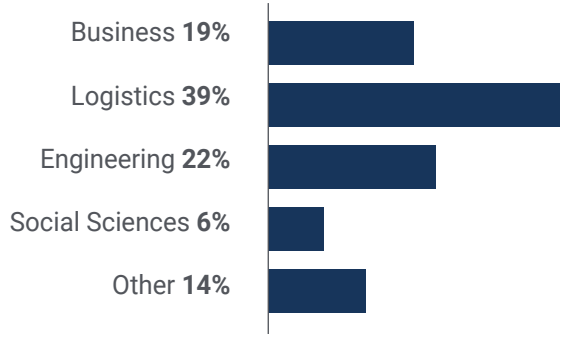
Average Age

Between **35** and **45** years old

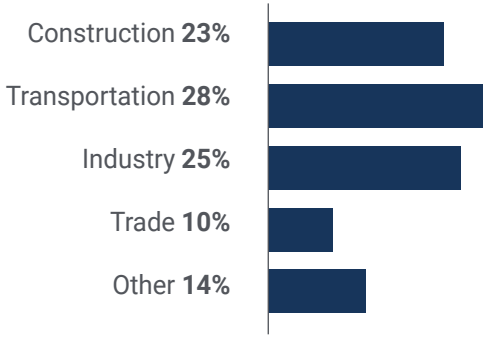
Years of Experience



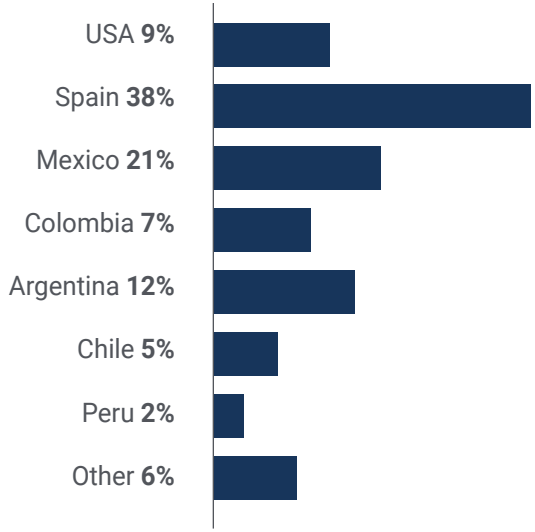
Training



Academic Profile



Geographical Distribution



Jorge Díaz

Logistics Manager

"This TECH program has been a great opportunity to get a more exhaustive specialization in logistics, a field in which I've been working for many years. The online format was essential for me, as it´s enabled me to perfectly balance my study schedule with the rest of my daily obligations. I'd undoubtedly return to this university in the future"

09

Course Management

We are aware that studying a program like this entails great economic, professional and, of course, personal investment. The ultimate goal of this great effort should be to achieve professional growth, and to enable you to achieve this we put all our efforts and tools at your disposal so that you acquire the necessary skills and abilities that will allow you to achieve this change.

We are fully committed to helping you achieve your academic and professional goals”

International Guest Director

Mahmoud Shama is an executive with extensive experience in supply chain leadership and management. His track record is internationally recognized for his ability to implement comprehensive strategies that optimize costs, drive efficiencies, ensure regulatory compliance and deliver a high level of service quality and customer satisfaction.

In his professional career dedicated to the field of logistics, he has worked in a variety of tasks. These include demand and supply planning, as well as the application of S&OP keys, inventory control, purchasing, warehousing, network analysis, among others. At the same time, this expert is characterized by an unquestionable capacity for leadership and motivation of the employees under his charge. As a result, he has become a reference for the most important multinationals in the world.

With Red Bull, Mahmoud Shama has held various positions, mainly as Senior Supply Chain Director. Specifically, he has been dedicated to improving forecast accuracy and minimizing waste. At the same time, he has ensured the development of rigorous inventory management.

Other corporations where this specialist has worked include Mondelēz International, as Director of Demand Planning for North America and as Senior Manager of Customer Service and Logistics. From these positions he has directed XC&L's global strategy, also overseeing the outsourced manufacturing of some of the brand's most distinctive products. In addition, his experience in other brands such as Johnson & Johnson, Kraft Foods Group, Cadbury or PepsiCo, has allowed him to accumulate knowledge and direct perspectives on the different methodologies and technologies that promote more productive and organized operating environments. Moreover, this executive holds an MBA in Business, which, coupled with his technical expertise, reinforces his business acumen.

D. Shama, Mahmoud

- Senior Director of Supply Chain, Red Bull, California, USA
- Director of Demand Planning for North America at Mondelēz International
- Director of Global Planning and S&OP at Johnson & Johnson
- Director of Customer Service and Logistics at Mondelēz International
- Director of Product Supply and S&OP Leader at Kraft Foods Group
- Planning, S&OP and MENA Project Manager at Cadbury
- Director of Materials Planning and Purchasing at PepsiCo
- MBA in Business at Maastricht School of Management
- B.Sc. in Mechanical Engineering from the American University in Cairo

Thanks to TECH, you will be able to learn with the best professionals in the world"

Management

Mr. Pampliega, Carlos

- Architect specializing in Project and Risk Management
- Certified Project Management Professional (PMP)
- Professional Scrum Master certified by Scrum.org
- Active member of PMI-Madrid Spain Chapter. Since 2013
- Director of PMI Castilla y León Branch, the delegation in Castilla y León. 2013
- He regularly participates as a speaker in presentations and courses, as well as in congresses organized by PMI
- Consultant and Trainer in Project Management at different universities and business schools
- Member of the Editorial Board of the scientific journal Building & Management
- Member of the PMO Global Alliance Awards PMO Judges Committee

Professors

Mr. Roji Ferrari, Salvador

- Vice-Dean of International Relations, Faculty of Economics and Business Studies, Complutense University of Madrid
- Degree. in Accounting and Finance. Complutense University of Madrid. 1997
- Degree in Journalism, Complutense University of Madrid, 1971-1977
- Master's Degree in Sciences of Finance. University of Maryland & Baltimore 1990
- Master's Degree in Business Administration (MBA). University of Maryland & Baltimore, 1989
- Professor of the Faculty of Economics and Business Administration, Department of Financial Administration and Accounting. Since 1994
- He has published 6 books on finance and business economics, as well as a multitude of articles and chapters on both divulgation and research

10

Impact on Your Career

TECH is aware that studying a program like this entails great economic, professional and, of course, personal investment. The ultimate goal of this great effort should be to achieve professional growth.

And, therefore, all efforts and tools are made available to professionals to enable them to acquire the necessary skills to achieve this change.

We are fully committed to helping you achieve your academic and professional goals"

Are you ready to take the leap? Excellent professional development awaits you

This TECH Technological University Advanced Master's Degree in Senior Logistics Management is an intense program that prepares you to face challenges and business decisions both on a national and international level. The main objective is to promote your personal and professional growth. TECH helps to achieve success.

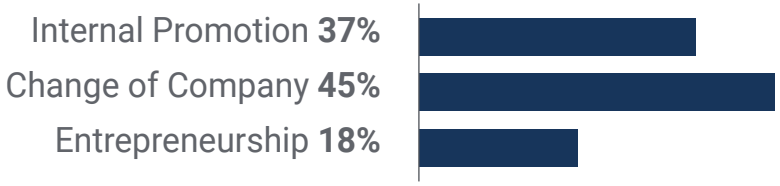
If you want to improve yourself, make a positive change professionally and network with the best, this is the place for you.

The completion of this Advanced Master's Degree will allow you to make a radical change in your profession.

A unique program aimed at improving your skills and employability.

When the change occurs

Type of change



Salary Increase

This program represents a salary increase of more than **25.22%** for our students

11

Benefits for Your Company

The Advanced Master's Degree in Senior Logistics Management contributes to raising the organization's talent to its maximum potential through the specialization of high-level leaders. Therefore, participating in this academic program will mean an improvement not only at a personal level, but, above all, at a professional level, increasing training and improving student management skills. Additionally, joining TECH's educational community is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.

Offer your company a new business vision”

Developing and retaining talent in companies is the best long-term investment.

01

Intellectual Capital and Talent Growth

You will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02

Retaining High-Potential Executives to Avoid Talent Drain

This program strengthens the link between the company and the executive and opens new avenues for professional growth within the company.

03

Building Agents of Change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04

Increased International Expansion Possibilities

Thanks to this program, the company will come into contact with the main markets of the world economy.

05

Project Development

You will be able to work on a current project or develop new projects in the field of R&D or Business Development within the company.

06

Increased Competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

12

Certificate

The Advanced Master's Degree in Senior Logistics Management guarantees you, in addition to the most rigorous and up-to-date training, access to a Advanced Master's Degree issued by TECH Technological University.

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

This **Advanced Master's Degree in Senior Logistics 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 **Advanced Master's Degree** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Advanced Master's Degree in Senior Logistics Management**

Official Nº of hours: **3,000 h.**


tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having successfully passed and accredited the following program

ADVANCED MASTER'S DEGREE

in

Senior Logistics Management

This is a qualification awarded by this University, equivalent to 3,000 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

Unique TECH Code: AFWORD23S techtitute.com/certificates


Advanced Master's Degree in Senior Logistics Management

General Structure of the Syllabus

Year	Subject	Hours	Type
1º	Managementand Leadership	130	CO
1º	Market Research	130	CO
1º	Global Sourcing	130	CO
1º	Performance and Auditing	130	CO
1º	Financial Supply Chain Management	130	CO
1º	Socio-Ecological Impact	130	CO
1º	Business and Operations Strategy	130	CO
1º	Supply Chain Management Planning and Execution	130	CO
1º	Operative Strategy and Management Methodologies	130	CO
1º	Supply Chain and Demand Management	130	CO
1º	International Operations Applying Lean Logistics	130	CO

Year	Subject	Hours	Type
2º	Strategic Purchasing Management	130	CO
2º	Strategic Project Management	130	CO
2º	Project Scope and Schedule	130	CO
2º	Project Financial Management	130	CO
2º	Recruitment and Project Quality	130	CO
2º	People and Resource Management	130	CO
2º	Innovative Organizations and Projects	130	CO
2º	Agile Methodologies	130	CO
2º	PMO	130	CO
2º	Project Risk Management	130	CO
2º	Introduction to Project Finance	130	CO
2º	Innovation, E-Logistics and Supply Chain Technology	140	CO

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Dean

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*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.

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Advanced Master's Degree
Senior Logistics Management

Language: **English**

Course Modality: **Online**

Duration: **2 years**

Accreditation: **TECH Technological University**

Official Nº of hours: **3,000 h.**

Advanced Master's Degree

Senior Logistics Management

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