

Postgraduate Certificate

Corporate Finance: An
Economic-Financial Approach to
Industrial Companies





Postgraduate Certificate Corporate Finance: An Economic-Financial Approach to Industrial Companies

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online
- » Target Group: engineers and graduates with experience who want to improve and update themselves in all the necessary aspects to be taken into account for an adequate management of an Industries company

Website: www.techtute.com/us/school-of-business/postgraduate-certificate/corporate-finance-economic-financial-approach-industrial-companies

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01 Welcome

For an industrial company to be successful and meet its objectives, the maintenance of the financial system becomes a key element. In this sense, this TECH educational program will focus on providing students with specific skills that will enable them to perform important tasks such as cost forecasting, the creation of budgets/investment plans for the company, and their subsequent analysis and comparison with actual results. This will allow, as the case may be, to implement corrective measures in case of deviations that may have a negative impact on the evolution of margins and profitability of the business.



Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach to Industrial Companies. TECH Technological University



“

Manage the business economy from an innovative perspective and become an expert in the field”

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.



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 groundbreaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



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"

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 with the objective of strengthening the student's capabilities in everything related to project management for industrial companies, in addition to developing new skills that will be essential in their professional development. Thus, after completing the study plan, the student will be able to make global decisions with an innovative perspective and an international vision aimed at achieving the proposed objectives.



“

Your goals and TECH's goals come together and become a reality with this Postgraduate Certificate"

The students' objectives are TECH's too.
Working together to achieve them.

The Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach to Industrial Companies enables students to:

01

Manage the projects presented with both conventional and agile methodologies

04

Perform production planning and control with the objective of optimizing resources and adapting to demand as well as possible

02

Interpret the economic and financial data of the company, while being able to use and develop the necessary tools for a better management of all aspects related to business finances

03

Better manage all the necessary steps and phases in the design and development of new products



05

Manage quality throughout the organization and apply the most important tools for continuous improvement of products and processes

06

Interpret a balance sheet to avoid future risks

07

Prepare, analyze and report the Income Statement to the management team to facilitate decision making

08

Reliable forecasting, management and monitoring of business cash flows



09

Knowledge of S/T and L/T financing instruments

10

Effectively manage our relationships with the banking sector

11

Manage and optimize our organization's costs





12

Analyze, evaluate and choose the best investment options for our business

13

Master the accounting perspective of corporate transactions between companies

14

Deepen our focus on foreign markets to diversify our business geographically

05

Structure and Content

This Postgraduate Certificate is a program designed based on the needs of 21st century students and is taught in a 100% online format so that the professional can choose the time and place that best suits their availability, schedule and interests. In addition, by studying this program the student will have access to the most complete and up-to-date content compendium on the market. All this, in a syllabus that is developed over 6 weeks and that aims to be a unique and stimulating experience that lays the foundations for the student's professional success.



“

You are just one click away from accessing the most complete and up-to-date content on the market in project management for industrial companies”

Syllabus

In the globalized, competitive, dynamic, changing and demanding environment in which we live, accurate, reliable and quality economic-financial management becomes indispensable.

In this way, the forecasting and preparation of the company's budgets/ investment plans and their subsequent analysis in comparison with the actual results becomes very important in order to identify and, if necessary, implement corrective measures for deviations that may have a negative impact on the evolution of margins and profitability of the business. It is also important to analyze and monitor our Balance Sheet in order to identify future solvency, liquidity and/or viability risks.

All of the above-mentioned is the subject of this Postgraduate Certificate, thus giving students the possibility of improving their skills in the economic and financial sector in a convenient and effective way. All this, in addition, condensed in a program of only six weeks and that offers the student the possibility of being able to take it wherever and whenever they want (online).

This Postgraduate Certificate is developed over 6 week and is divided into 1 module:

Module 1

Corporate Finance. An Economic-Financial Approach



Where, when and how is it taught?

TECH offers you the possibility of taking this program completely online. During the 6 months of program, the student will be able to access all the contents of this program at any time, which will allow them to self-manage study time.

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

Module 1. Corporate Finance. An Economic-Financial Approach

1.1. The Company in Our Environment

- 1.1.1. Production Costs
- 1.1.2. The Company in Competitive Markets
- 1.1.3. Monopolistic Competition

1.2. Analysis of Financial Statements I: the Balance Sheet

- 1.2.1. Assets CP and LP Resources
- 1.2.2. Liabilities Obligations to CP and LP
- 1.2.3. Net Worth Shareholder Returns

1.3. Analysis of Financial Statements II: the Income Statement

- 1.3.1. The Structure of the Income Statement. Revenues, Costs, Expenses and Result
- 1.3.2. Main Ratios to Analyze the Income Statement
- 1.3.3. Profitability Analysis

1.4. Treasury Management

- 1.4.1. Income and Payments. Cash Forecast
- 1.4.2. Impact and Management of Cash Deficits/ Surplus. Corrective Actions
- 1.4.3. Analysis of Cash Flow
- 1.4.4. Management and Impact of Debt Portfolio

1.5. Sources of Financing to CP and LP

- 1.5.1. Financing to CP, Tools
- 1.5.2. Financing to LP, Tools
- 1.5.3. Types of interest and Their Structure

1.6. Interaction between the Company and the Bank

- 1.6.1. The Financial System and the Banking Business
- 1.6.2. Banking Products for the Company
- 1.6.3. The Company Analyzed by the Bank

1.7. Analytical or Cost Accounting

- 1.7.1. Types of Costs Decisions Based on Costs
- 1.7.2. Full Costing
- 1.7.3. Direct Costing
- 1.7.4. Cost Model Based on Centers and Activities

1.8. Investment Analysis and Valuation

- 1.8.1. The Company and Investment Decisions. Scenarios and Situations
- 1.8.2. Investment Valuation
- 1.8.3. Valuation of Companies

1.9. Corporate Accounting

- 1.9.1. Capital Increase and Reduction
- 1.9.2. Dissolution, Liquidation and Transformation of Companies
- 1.9.3. Combinations of Companies: Mergers and Acquisitions

1.10. Foreign Trade Finance

- 1.10.1. Foreign Markets: The Decision to Export
- 1.10.2. The Foreign Exchange Market
- 1.10.3. International Payment and Collection Methods
- 1.10.4. Transportation, Incoterms and Insurance



06

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.



07

Our Students' Profiles

This Postgraduate Certificate is aimed at engineers and graduates with experience who want to deepen their knowledge and get up to date in all the necessary aspects to be taken into account for the proper economic and financial management of an industrial company.

Students with these qualifications must have a sufficient knowledge base to complete the modules of the curriculum of this Postgraduate Certificate.

Professionals with a university degree in any area and two years of work experience in the economic department of the company may also study the Postgraduate Certificate.





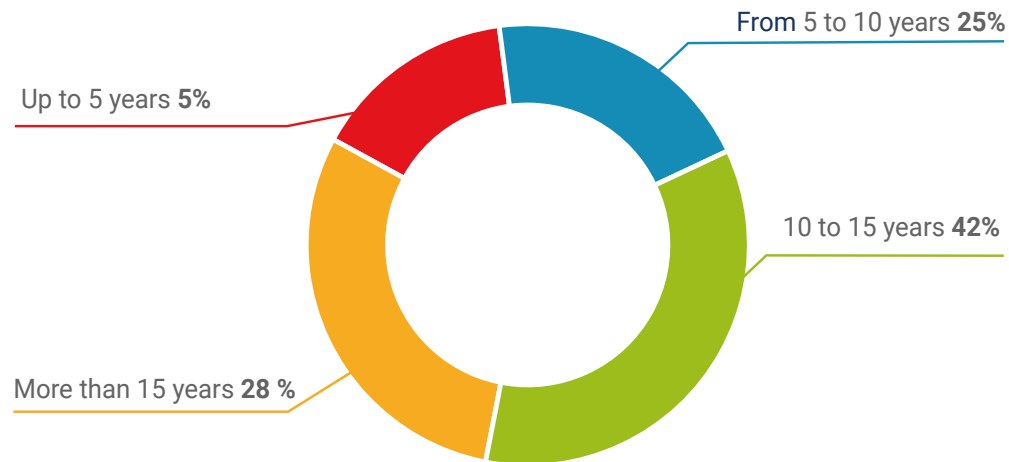
“

Study with a community of teachers and students that will increase your network”

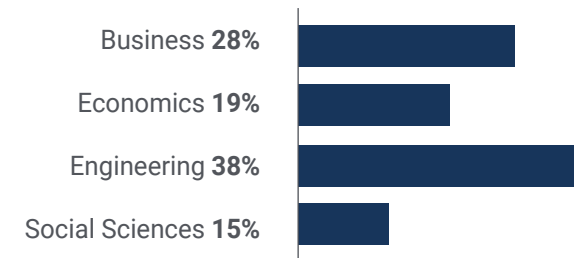
Average Age

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

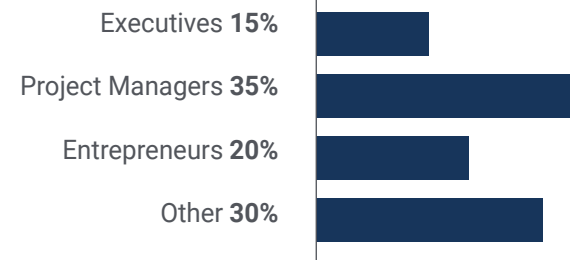
Years of Experience



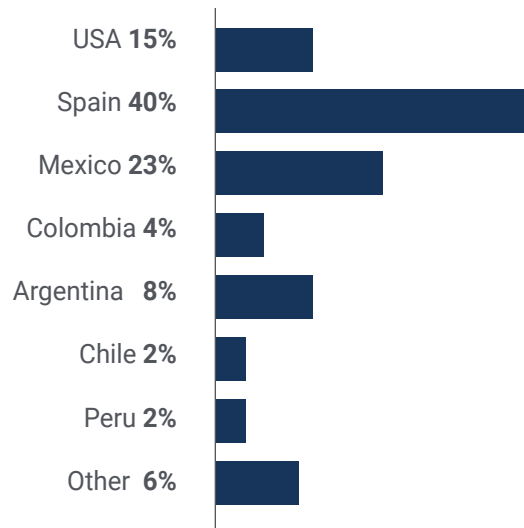
Training



Academic Profile



Geographical Distribution



Adriana Sánchez

Project manager

"In this pandemic year, I finally had the opportunity I was waiting for so long to study and I decided to do it at TECH. Today I feel that it has been a very good choice because I have increased my knowledge and I am sure that this will have a positive impact on my professional career"

08

Course Management

This Postgraduate Certificate includes in its faculty professionals and specialists of reference in everything related to financial and economic management for industrial companies, who pour into this up-to-date program the experience of their years of work. In addition, other experts of recognized prestige in related areas participate in its design and elaboration, completing the Postgraduate Certificate in an interdisciplinary way, making it, therefore, a unique and highly nourishing experience at an academic level for the student.





“

*You will learn from the best specialists
in the sector. This will give you more
confidence in your daily practice"*

Management



Dr. Asensi, Francisco Andrés

- ♦ PhD in Industrial Engineering in Business Organization from the University of Castilla la Mancha (UCLM)
- ♦ Degree Industrial in Industrial Organization Engineer from the University Polytechnic of Valencia
- ♦ He has worked in several areas, such as Engineering, Quality, Production, Logistics, Information Systems and Human Resources, in companies of several industrial sectors
- ♦ He has implemented and developed a multitude of management systems for excellence (Quality, Scorecard, Lean Manufacturing, Continuous Improvement and Process Improvement) in several industrial companies
- ♦ Coach of Strategic Coaching
- ♦ Author of various business books: "The Adaptive Enterprise", "Lean Manufacturing: Key Indicators used to efficiently manage Continuous Improvement", "Lean Manufacturing: Keys to Material Flow Improvement"
- ♦ Author of several books on Personal and Professional Development: "Total Leader", "self-coaching"



09

Impact on Your Career

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

And for this, we offer you a unique opportunity with this Postgraduate Certificate, thanks to which you will be able to increase your skills and therefore, improve your daily practice and your chances of career advancement.





“

Our challenge is to generate a positive change in your professional career. We are fully committed to helping you achieve it"

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

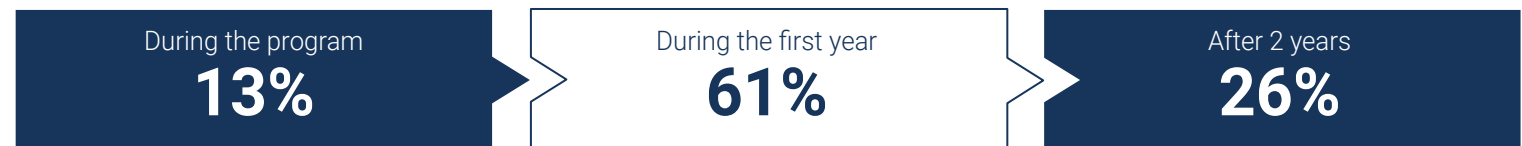
The Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach in Industrial Companies at TECH is an intensive program that will prepare you to face business challenges and decisions in the field of Corporate Finance: An Economic-Financial Approach to Industrial Companies. Its main objective is to promote your personal and professional growth, to and help you achieve success.

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

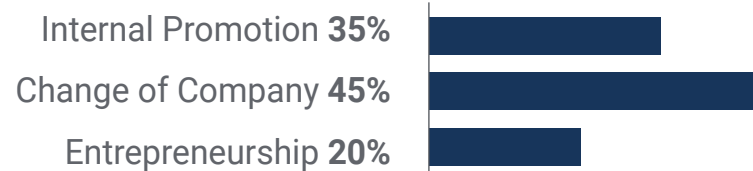
Achieve a positive change in your career, thanks to the opportunity that TECH offers you with this program.

Don't miss the opportunity to specialize with us. You will find the most relevant information on this subject that will allow you to give a boost to your profession.

When the change occurs



Type of change



Salary increase

This program represents a salary increase of more than **25%** for our students



10

Benefits for Your Company

The Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach in Industrial Companies contributes to raising the organization's talent to its maximum potential through the specialization of high-level leaders. Thus, participating in this specialization is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.





“

This program will provide you with the keys to bring a new business vision to your company"

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

01

Intellectual Capital and Talent Growth

Bring new concepts, strategies and perspectives to the company that can bring about relevant changes in the organization.

02

Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional 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, in turn helping the organization overcome obstacles.

04

Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in 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.

11

Certificate

The Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach in Industrial Companies guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

The **Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach to Industrial Companies** 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 diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations and professional career evaluation committees.

Title: **Postgraduate Certificate in Corporate Finance: An Economic-Financial Approach to Industrial Companies**

Official N° of Hours: **150 h.**



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



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