

Postgraduate Certificate

Regulatory Compliance for Information Security in IT Projects





Postgraduate Certificate Regulatory Compliance for Information Security in IT Projects

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

Website: www.techtute.com/in/school-of-business/postgraduate-certificate/regularoty-compliance-information-security-it-projects

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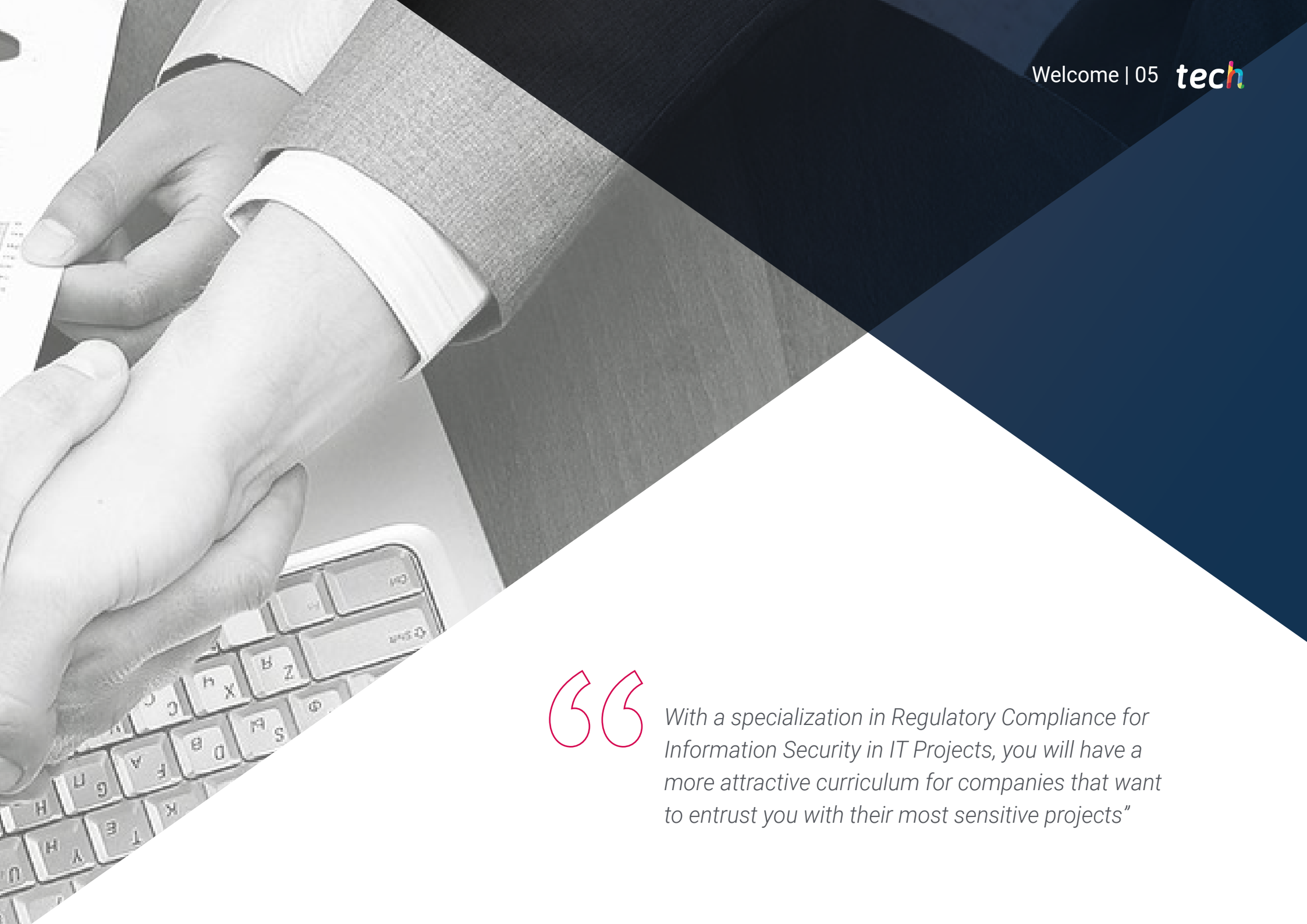
01 Welcome

The digital era and the growing concern for personal privacy has brought with it a new reality for all technology developers: secure data processing. This problem requires a highly skilled professional, so companies financially and professionally benefit from multidisciplinary profiles that know how to correctly manage user data. This program instructs students in everything related to securely and correctly process personal data, as well as methods to avoid risks during the different stages of technological development.



Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects.

TECH Technological University



“

With a specialization in Regulatory Compliance for Information Security in IT Projects, you will have a more attractive curriculum for companies that want to entrust you with their most sensitive projects”

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 Postgraduate Certificate teaches students everything they need to know about processing personal data in the field of software development, as well as all the legal reality that must be taken into account to avoid mistakes or unnecessary risks during the process of collecting and managing such data. Therefore, upon graduating, students will be able to correctly implement security measures to personal data processing in all types of technological projects.



“

Information Security expertise will provide you with an opportunity to stand out in a unique and in-demand field of knowledge, outperforming other candidates”

TECH makes the goals of their students their own goals too.
Together they work to achieve them.

The **Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects** allows students to:

01

Analyze the data protection regulatory framework

04

Determine the main security measures to be taken into account during the development of a project

02

Determine the principles that should guide personal data processing



03

Develop the principles of data protection by design and by default

05

Assess and manage the project risks involving personal data processing

06

Analyze the different principles that govern personal data processing

08

Compile the rights of individuals in terms of data protection, their exercise and attention. Develop



09

techniques to ensure compliance with data protection regulations

07

Establish the bases that legitimize the processing of personal data

10

Establish security regulatory frameworks and main security-related certifications available

05

Structure and Content

The Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects consists of 1 module, divided into 10 different topics to cover all the learning material. Thus, students will learn the fundamental issues surrounding data protection regulations, as well as the necessary methodology to ensure information is handled correctly and securely within the IT environment, and those in charge of complete compliance with the legal framework.



“

Companies want to have confidence and trust in their work teams. You can give them that additional assurance with this Postgraduate Certificate in Regulatory Compliance for Information Security in Technological Projects”

Syllabus

The Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects at TECH Technological University provides students with all the knowledge and tools necessary to securely and effectively manage any kind of personal data in the area of technology development.

The professors will delve into the relevance of knowing the regulations and legal framework in force in terms of data protection, as well as the infringements and penalties that may be incurred by the company in case mismanaging data.

The 150-hour program is supported by abundant audiovisual and practical material, which facilitates and enlivens study work.

Students are also provided with methodologies and tools to guarantee the correct handling of personal information in technology development projects, including various security certificates that can increase the quality and prestige of the work done.

All this with the added advantage of being taught 100% online, which is a great organizational aid for students to set their own study time and pace.

This Postgraduate Certificate takes place over 6 weeks, and it consists of 1 module:

Module 1

Regulatory Compliance for Information Security in IT Projects



Where, when, and how it is taught?

TECH offers the possibility of developing this Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects completely online. Over the course of 6 weeks, 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. Regulatory Compliance for Information Security in IT Projects

1.1. Data Protection Regulation

- 1.1.1. Regulatory Framework
- 1.1.2. Subjects Obligated to Comply with the Regulations
 - 1.1.2.1. Controllers, Joint Controllers and Processors
- 1.1.3. Data Protection Officer

1.2. Treatment of Personal Data

- 1.2.1. Fairness, Loyalty and Transparency
- 1.2.2. Purpose Limitation
- 1.2.3. Data Minimisation, Accuracy and Limitation of Retention Period
- 1.2.4. Integrity and Confidentiality
- 1.2.5. Proactive Responsibility

1.3. Data Protection by Design and by Default

- 1.3.1. Data Pseudonymization
- 1.3.2. Data Minimization
- 1.3.3. Organizational Measures in Accordance with the Purpose of Processing

1.4. Bases of Lawfulness or Legitimacy and Authorizations for Processing: Data Communication

- 1.4.1. Consent
- 1.4.2. Contractual Relationship or Pre-contractual Measures
- 1.4.3. Fulfillment of a Legal Obligation
- 1.4.4. Protection of Vital Interests of the Data Subject or Another Person
- 1.4.5. Public Interest or Exercise of Public Powers
- 1.4.6. Legitimate Interest: Weighing of interests

1.5. Individuals Rights

- 1.5.1. Transparency and Information
- 1.5.2. Access
- 1.5.3. Rectification and Deletion (Right to be Forgotten), Limitation and Portability
- 1.5.4. Opposition and Automated Individual Decisions
- 1.5.5. Limits to Rights

1.6. Risk Analysis and Management of Personal Data Processing

- 1.6.1. Identification of Risks and Threats to the Rights and Freedoms of Individuals
- 1.6.2. Risk Assessment
- 1.6.3. Risk Management Plans

1.7. Techniques for Ensuring Compliance with Data Protection Regulations

- 1.7.1. Identification of Proactive Accountability Measures
- 1.7.2. Processing Activities Register
- 1.7.3. Security Breach Management
- 1.7.4. Codes of Conduct and Certifications

1.8. Data Protection Impact Assessment (DPIA)

- 1.8.1. EIPD Needs Assessment
- 1.8.2. Evaluation Methodology
- 1.8.3. Identification of Risks and Threats
- 1.8.4. Prior Consultation with the Supervisory Authority

1.9. Information Security

- 1.9.1. Security Regulatory Framework
- 1.9.2. ICT Security Products Assessment and Certification
- 1.9.3. STIC Products and Services Catalog (CPSTIC)

1.10. Control Authorities. Violations and Penalties

- 1.10.1. Violations
- 1.10.2. Fines
- 1.10.3. Penalty Procedure
- 1.10.4. Control Authorities and Cooperation Mechanisms



“

Given the growing popular concern for privacy, specialize in Regulatory Compliance for Information Security in IT Projects. You will be prepared for a future where this discipline will be required in every technology department”

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

The best experts that TECH has brought together for the development of this Postgraduate Certificate have contributed their professional experience and their own methodology to the teaching material, so students are guaranteed access to up-to-date and professional knowledge. The student profile for this course, coming from various nationalities and disciplines, confirms the international and transversal character of the program. This reaffirms the relevance of this Postgraduate Certificate in any area of business, as it allows students to aspire to launch their careers at an international level or improve their status within their current organization.





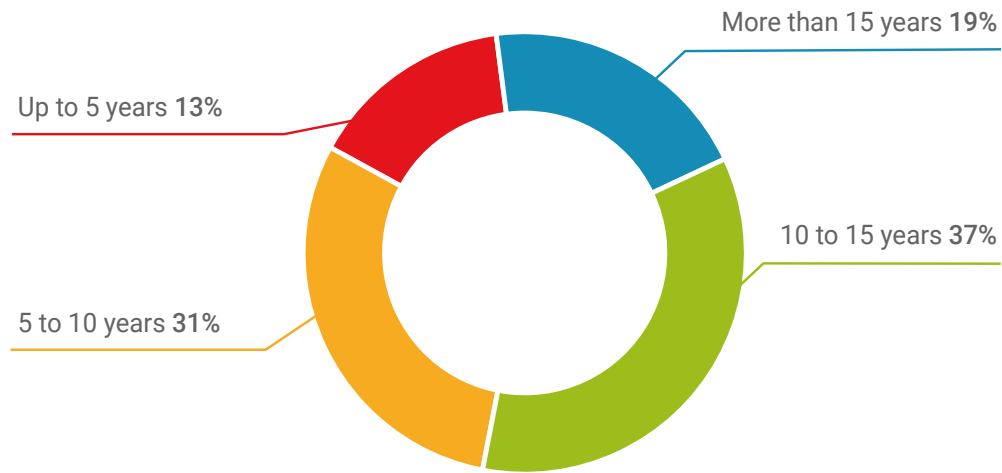
“

This Postgraduate Certificate will prepare you to access management positions of greater responsibility and sensitivity, demonstrating that you have the necessary skills to take the step”

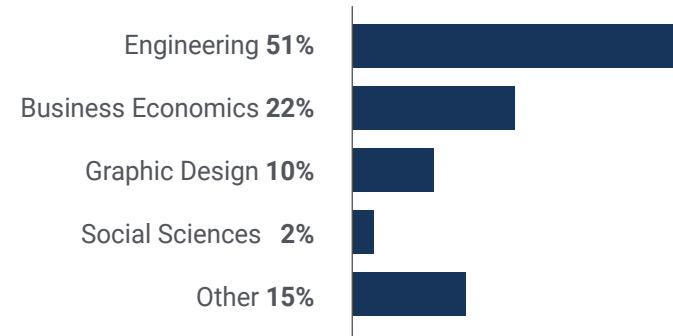
Average Age

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

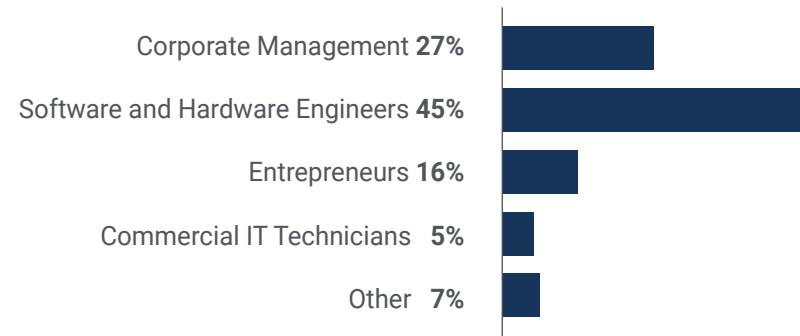
Years of Experience



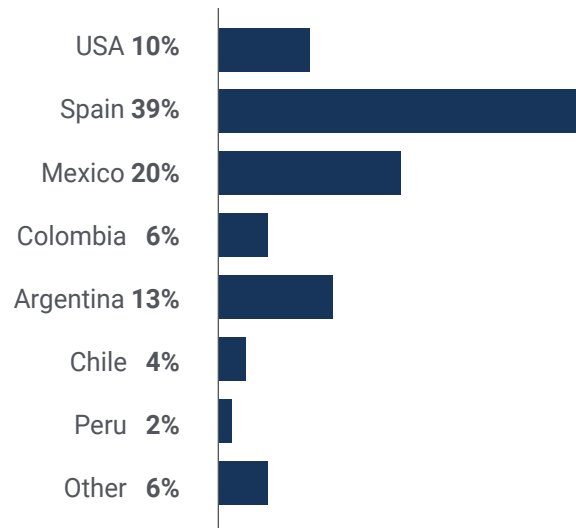
Training



Academic Profile



Geographical Distribution



Pedro Concepción Trujillo

Personal Data Processing Expert

"My company deals with personal data for most of its projects, so specializing in Regulatory Compliance for Information Security in IT Projects allowed me to stand out from my peers and rise within the organization"

08

Course Management

This Postgraduate Certificate in Regulatory Compliance for Information Security of IT Projects is developed by experts in the legal and regulatory frameworks of data protection, which guarantees students access to the most accurate and market-based learning material. These experts will support students during the learning process and will ensure that they can finish the course having obtained all the necessary knowledge on the subject.



“

The experts that TECH has gathered for this Postgraduate Certificate will be the best partners in your unstoppable progress towards professional success”

Director



Dr. Peralta Martín-Palomino, Arturo

- ◆ CEO and CTO at Prometheus Global Solutions
- ◆ CTO in AI Shephers GmbH
- ◆ CTO at Korporate Technologies
- ◆ Director of Design and Development at DocPath Document Solutions
- ◆ Computer Engineer from the University of Castilla La Mancha
- ◆ Doctorate in Psychology from the University of Castilla La
- ◆ PhD in Economics, Business and Finance from the Camilo José Cela University
- ◆ Master's Degree in Advanced Information Technologies from the University of Castilla La Mancha
- ◆ MBA+E (Master's Degree in Business Administration and Organisational Engineering) from the University of Castilla La Mancha

Professors

Ms. Palomino Dávila, Cristina

- ◆ Consultant and Senior GRC Auditor at Oesía Networks
- ◆ Audit Sub-Directorate - General Secretariat in Compañía Logística de Hidrocarburos CLH
- ◆ Senior consultant and auditor in the field of Personal Data Protection and information society services at Helas Consultores
- ◆ Graduate in Law from the University of Castilla La Mancha
- ◆ Master's Degree in Legal Consultancy for Businesses from the Instituto de Empresa
- ◆ Advanced Course in Digital Security and Crisis Management, University of Alcalá and the Spanish Security and Crisis Alliance (AESYC)



09

Impact on Your Career

TECH is aware that studying a program like this entails great economic, professional and, of course, personal investment on the part of students. Therefore, the ultimate goal of this great effort should be to achieve professional growth in technology project management. For this reason, access to the most advanced learning material and tools in the sector is guaranteed in a 100% online format.





“

You are about to make the leap in quality you need to increase your chances of success in the field of technology development”

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

The Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects at TECH is an intensive program that prepares students to face the complex reality of the correct use and management of personal data. The main objective is to promote your personal and professional growth, helping you achieve success.

Generating Positive Change

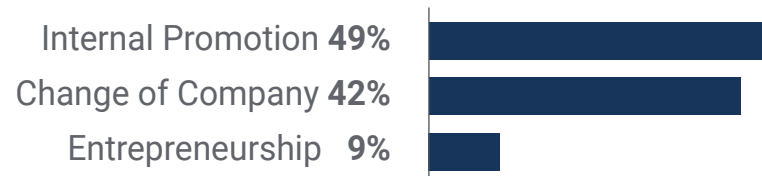
Current reality is fluctuating in terms of personal data processing. Don't let regulations catch you by surprise and prepare yourself for the changes of the future with this Postgraduate Certificate.

You will notice a positive change in your career path by specializing in today's most in-demand fields.

When the change occurs



Type of change



Salary increase

This program represents a salary increase of more than **30.68%** for our students.



10

Benefits for Your Company

Given the growing concern for privacy and increased public awareness of electronic security, it is now unquestionable that companies incorporate into their work teams professionals capable of enforcing compliance with current legislation on data protection. Furthermore, companies will benefit from incorporating professionals who possess the knowledge included in this Postgraduate Certificate, since they will improve data management and security systems.





“

This Postgraduate Certificate will provide you with the personal and professional growth opportunities you are looking for”

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

01

Intellectual Capital and Talent Growth

The professional 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 professional and opens new avenues for professional growth within the company itself.

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 be in contact with the main markets of the world economy.



05

Project Development

Managers will be able to work on a real project or develop new projects in the R&D or Business Development area of their company.

06

Increased competitiveness

This Postgraduate Certificate will equip your professionals with the skills to take on new challenges and thus drive the organization forward.

11

Certificate

The Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

This **Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

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

Title: **Postgraduate Certificate in Regulatory Compliance for Information Security in IT Projects**

Official N° of hours: **150 h.**



*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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- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Regulatory Compliance for Information Security in IT Projects