

# Postgraduate Certificate Compliance, Regulation and Privacy



## Postgraduate Certificate Compliance, Regulation and Privacy

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

Website: [www.techtute.com/us/informatics/postgraduate-certificate/compliance-regulation-privacy](http://www.techtute.com/us/informatics/postgraduate-certificate/compliance-regulation-privacy)

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# 01

# Introduction

Knowing the legal and regulatory aspects of cryptocurrencies is essential for anyone who wants to specialize in the sector. Although it is true that the regulation within the crypto world is minimal, governments are beginning to develop the first regulations that will define the use of technology. Taking this trend into account, TECH has created this program with the aim of being able to educate Computer Scientists who want to specialize in one of the branches with the greatest expectations for the future of the entire digital sector. Thus, 150 hours of audiovisual content are offered, with self-assessment exercises and multimedia material that deals with the most frequent errors in cryptographic privacy environments, international taxation, crypto legality or the most important Blockchain certificates. Only a device with an Internet connection will be necessary to be able to access the agenda, since there are no face-to-face classes or pre-set schedules, giving the student maximum freedom.



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*You will not need to sacrifice your professional life in order to specialize. With the flexibility and adaptability that TECH offers, studying and working have never been so easy”*

Given the high expansion that cryptocurrencies are having, it is becoming increasingly necessary for companies to use good practices with them, since there are already many governments and institutions that are beginning to regularize them. Taking this situation into account, TECH has prepared this Diploma in Compliance, Regulation and Privacy, with which to offer the theoretical and practical knowledge related to this concept so that the computer scientist can take a definitive step in his career.

In this way, Computer Scientists who enroll in the program will be able to delve into issues such as privacy and its limitations within DLT technology, the basic authorizations to start projects and how these must have some regulation so that they are as safe as possible. All this from an eminently practical perspective, offered by a faculty with extensive experience both in the world of finance and in that of cryptocurrencies themselves.

The format is 100% online, consisting of 150 hours with numerous practical cases, self-assessment exams, success stories and numerous audiovisual content. In addition, the student will be able to choose where, when and how to assume the entire study load, making it extremely flexible and adaptable for those who want to maintain their professional activity while completing this Diploma. This Diploma in Compliance, Regulation and Privacy contains the most complete and up-to-date educational program on the market.

This **Postgraduate Certificate in Compliance, Regulation and Privacy** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The development of case studies presented by digital business and IT experts
- ◆ The graphic, schematic and eminently practical contents with which it is conceived collect practical information on those essential disciplines for professional practice
- ◆ Practical exercises where self-assessment can be used to improve learning
- ◆ Its special emphasis on innovative methodologies
- ◆ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection work
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*Be an expert in REGTECH and LEGALTECH solutions once you have graduated from this Postgraduate Certificate in Compliance, Regulation and Privacy”*

“

*Learn about the different International Regulations for crypto assets to find out which countries have the best conditions and get the most out of them”*

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

Its multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive education designed to learn in real situations.

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

*Become an expert in Compliance for Blockchain thanks to this 150-hour program packed with both theoretical and practical teaching material.*

*Specialize in the tax treatment of crypto assets in the European Union Legal System, becoming a key player in European projects that involve cryptocurrencies.*



# 02 Objectives

The TECH Postgraduate Certificate in Compliance, Regulation and Privacy seeks to improve the knowledge of IT professionals interested in specializing in aspects related to the regulation and legislation of the world of cryptocurrencies. In this way, they will be able to recognize when a project meets the operational and legal requirements and when it does not, being able to adapt to different types of legislation.





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*Regulation in the crypto world is minimal, but knowledge of every detail is a differentiating factor between fans of the sector and professional references in it”*



## General Objectives

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- ◆ Analyze the current regulation in the Crypto world
- ◆ Evaluate privacy within Blockchain technology
- ◆ know Identify legal security in existing projects





## Specific Objectives

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- ◆ Apply Blockchain *compliance*
- ◆ Obtain the basic authorizations to start projects
- ◆ Identify legal security in existing projects

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*Thanks to Relearning, those enrolled will be able to assimilate the contents of the syllabus gradually and continuously”*

# 03

## Course Management

One of the fundamental pillars of TECH is that the teachers who teach the content must be experts in their field. In this way, this Postgraduate Certificate in Compliance, Regulation and Privacy has a group of specialists and professionals experienced in the field of existing regulations in the crypto world and how this defines the use of said technology. In addition, the possibility for students to contact the teachers directly gives the program a unique character of personalization, being able to resolve all doubts in this regard.



“

*This Postgraduate Certificate in Compliance ,  
Regulation and Privacy has leading teachers in  
the world of cryptoeconomics”*

## Management



### Dr. Gil de la Guardia, Alberto

- ◆ Crypto world educator and lecturer
- ◆ Founding member of Le Crypto Club
- ◆ Co-director of several university programs related to Blockchain Technology and the Crypto world
- ◆ Doctorate in International Public Law at the Complutense University of Madrid
- ◆ Degree in Law from the University of Salamanca
- ◆ Master's Degree in Financial Studies from San Pablo CEU University
- ◆ Master's Degree in Blockchain Technology and Bitcoin from the European University of Madrid

## Professors

### Mr. Montalvo Aguilera, Hermógenes

- ◆ Consultant and legal advisor in Blockchain, legal smart contracts and enterprise tokenization
- ◆ Lawyer Expert in Compliance, Blockchain and Tokenomics by Esade Business School
- ◆ Cybersecurity Course
- ◆ Master's Degree in Law from the Universidad Oberta de Catalunya
- ◆ Master's Degree in Blockchain by Tutellus
- ◆ Graduate in Law from the Universidad Oberta de Catalunya



# 04

## Structure and Content

The TECH team, together with the teachers of this Postgraduate Certificate, have prepared a syllabus in which they unify the fundamental concepts and topics of *Compliance*, the Digital Signature and Digital Certification and the Tax Treatments of cryptocurrencies in the European Union among other things. With this, they have formed a quite complete and current study plan in relation to the world of crypto. Likewise, it should be added that the format of the program is 100% online, so all the contents will be available on the virtual campus, together with complementary readings and review exercises and self-assessment.





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*You will be able to access all the contents of the agenda from the first day, so you can organize your study according to preferences, without schedules or obligations”*

## Module 1. Compliance Regulations and Crypto Privacy

- 1.1. Digital Identity
  - 1.1.1. Digital Identity Transformation
  - 1.1.2. Self Sovereign Identity
  - 1.1.3. Regulatory Framework in the Different International Legal Systems
- 1.2. Digital Signature
  - 1.2.1. Electronic Signature
  - 1.2.2. Digital Certificate
  - 1.2.3. *Certification Authorities*
- 1.3. *Compliance*
  - 1.3.1. *Compliance*
  - 1.3.2. *Blockchain Compliance*
  - 1.3.3. *Compliance Models*
- 1.4. *Cryptos and Icos Legality*
  - 1.4.1. *Regulatory Framework*
  - 1.4.2. *ICOS Launch*
  - 1.4.3. *From ICOS to IDOS*
- 1.5. *Crypto Taxation*
  - 1.5.1. Tax Treatment of Cryptoassets in the European Union Legal System
  - 1.5.2. Crypto-Asset Taxation Consultations
  - 1.5.3. Tax Accounting Treatment in the European Union
- 1.6. International Regulation in the Different Jurisdictions Regarding the Holding of Cryptoassets. Special Treatment in the Americas
  - 1.6.1. MICA
  - 1.6.2. DORA
  - 1.6.3. EIDAS
  - 1.6.4. The Future of Cryptos According to the European Commission
- 1.7. Cybersecurity





- 1.7.1. Cybersecurity in Blockchain
- 1.7.2. Decentralization
- 1.7.3. *Blue Team*
- 1.8. Ethics and Digital Errors
  - 1.8.1. *Good Faith in the Legality of U.S. Projects*
  - 1.8.2. *Digital Transformation Mistakes*
  - 1.8.3. *Organization Structuring Parameters*
- 1.9. Regtech and Legaltech Solutions
  - 1.9.1. REGTECH Solutions
  - 1.9.2. LEGALTECH Solutions
  - 1.9.3. Practical Examples
- 1.10. Blockchain Certificates
  - 1.10.1. Blockchain Certification
  - 1.10.2. *Sector Business Opportunity*
  - 1.10.3. BlockTac

“ Thanks to this Postgraduate Certificate, professionals understand the keys and importance of Blockchain certificates and the business opportunities that this implies”

# 05 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.



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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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.

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



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



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

### A learning method that is different and innovative

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

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

The case method has been the most widely used learning system among the world's leading Information Technology 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 that you are presented with in the case method, an action-oriented learning method. Throughout the course, students will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## Relearning Methodology

TECH 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.

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

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

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





In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

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

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

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

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



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

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



### Practising Skills and Abilities

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



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Testing & Retesting

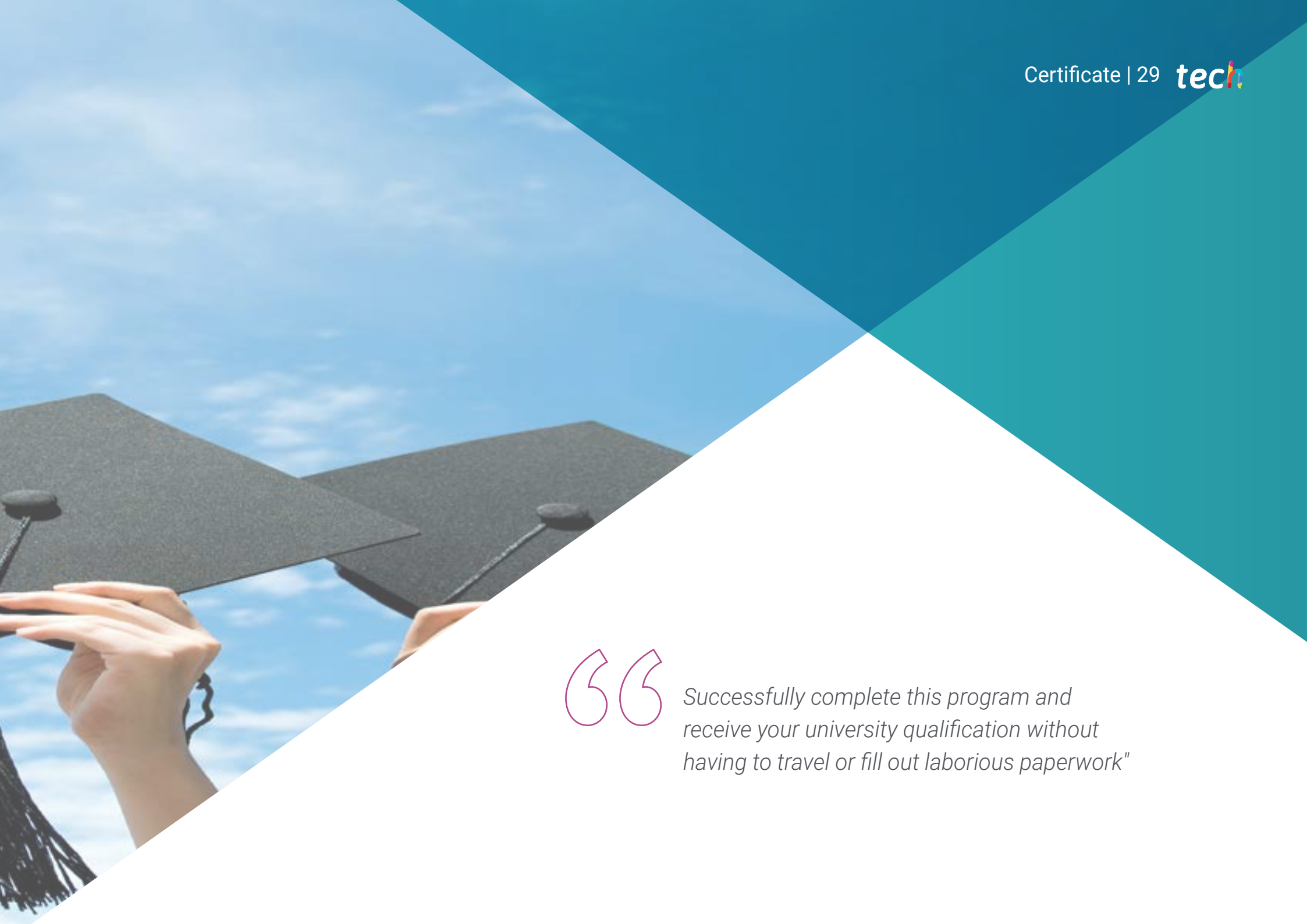
We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



# 06 Certificate

The Postgraduate Certificate in Compliance, Regulation and Privacy guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Compliance, Regulation and Privacy** 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 Compliance, Regulation and Privacy**

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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