Postgraduate Certificate
Salesforce Security

tec**h** global university

Postgraduate Certificate
Salesforce Security

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/information-technology/postgraduate-certificate/salesforce-security**

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01

Introduction

A recent report reveals that there has been a significant increase in cyber-attacks and data breaches. So much so that 7 out of 10 companies admit that they have been victims of data hijacking in the last year. Faced with this issue, Salesforce IT professionals need to implement the most innovative security techniques to protect organizations' sensitive data. However, this can be a complex challenge given the variety of options available and the interaction between different components of the platform. That is why TECH is launching a revolutionary university program that will provide the most advanced tools to prevent attacks by cybercriminals. All in a convenient and flexible 100% online format.

> *Thanks to this Postgraduate Certificate, supported by Relearning, you will implement data masking techniques and threat protection management"*

Security in Lightning Web Components is critical to protecting applications developed on the Salesforce platform. Security vulnerabilities in these programs can be exploited by malicious individuals to access, alter or even delete data in an unauthorized manner. Therefore, adequate protection helps to prevent these violations and protect the integrity of information at all times. In addition, application security is an important factor for customer confidence. In this sense, users expect their data to be protected when interacting with online applications.

In this context, TECH has created a pioneering Postgraduate Certificate in Salesforce Security. The curriculum will delve into Apex Security, providing effective resources such as encryption of data at rest. At the same time, the syllabus will delve into the Advanced Profiling Model so that graduates can guarantee adequate protection of company information. In this line, the teaching content will provide various methods for user authentication and access authorization to Salesforce. The program will discuss the role of Record Locking for IT to temporarily restrict access to a specific record to prevent multiple users from modifying it simultaneously or introducing data conflicts.

It should be noted that the approach of this university program reinforces its innovative character. In this line, TECH offers a 100% online educational environment, adapted to the needs of students who wish to combine their studies with the rest of their usual activities. Through the Relearning methodology, based on the repetition of key concepts to fix knowledge and facilitate learning, flexibility is combined with a robust pedagogical approach. In addition, graduates will have access to an extensive library of cutting-edge multimedia resources (including interactive summaries, case studies and specialized readings).

This **Postgraduate Certificate in Salesforce Security** contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of practical cases presented by experts in Salesforce Programming
- The graphic, schematic and practical contents with which it is conceived provide complete and practical information on those disciplines that are essential for professional practice
- Practical exercises where the process of self-assessment can be used to improve learning
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

Analyze Security at the network level through this academic itinerary of TECH, the best digital university in the world according to Forbes"

You will delve into User Access Management to control user access to different resources and data within Salesforce.

"
You will master the Data Masking technique and minimize the risk of exposing confidential information"

You will have access to the multimedia resource library and the courseware from day one. You will forget about fixed schedules!

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

The 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 immersive education programmed to prepare for real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the course. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

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Objectives

With this Postgraduate Certificate, IT professionals will be characterized by a solid understanding of the fundamental principles of information security and its application in the Salesforce environment. Graduates will develop the skills to implement effective security measures, such as password policies or data sharing. In turn, developers will promote a culture of security within the organization by educating users on best practices for protecting sensitive information. This will allow professionals to take advantage of the opportunities offered by the IT industry and make the leap to prestigious companies.

"
You will have at your disposal the most cutting-edge techniques to monitor security and respond to incidents in Salesforce"

General Objectives

- Develop the core fundamentals of Salesforce Security
- Provide capabilities for designing complex security models at the Enterprise level
- Take full advantage of the secondary tools provided by Salesforce for granular access monitoring and restriction by type of operation
- Ensure security requirements set by the industry and customers in various segments from different segments

Empower your practical skills to implement highly secure password policies in Salesforce. You will prevent attacks by cyber criminals!"

Specific Objectives

- Delve into the best practices of the most popular Salesforce development frameworks (Apex, Visualforce, Aura, LWC)
- Analyze the inverted security pyramid on which the Salesforce security model is based
- Compile all the measures available to protect the solution against external attacks
- Properly monitor application access operations for both users and applications

Course Management

In keeping with its philosophy of providing students with first-class university programs, TECH pays careful attention to the composition of its teaching staff. For the design of this Postgraduate Certificate, it brings together the best professionals in the field of Salesforce Security. These specialists stand out for their extensive work experience, which has allowed them to work professionally in recognized technological institutions. In their commitment to provide excellent services, they keep abreast of all the advances that occur in their field of specialization. Therefore, students will enjoy an enriching academic experience.

You will learn with the best! The diversity of expertise of the faculty will generate a dynamic learning atmosphere"

Management

Mr. Tovar Barranco, Iosu Igor

- Chief Architect at NTT Data Group
- Software Architect at Beesion Technologies
- Systems Administrator at Araldi
- .NET Developer at Gabinete de Gestión
- JAVA Programmer and J2EE Application Developer
- Senior Technician in Computer Applications Development at Centro de Estudios AEG
- Specialized in SOA Architectures
- Various certifications in Salesforce

Professors

Mr. Sacie Alcázar, David

- Technical Architect and Expert Consultant at NTT Data
- Senior Programmer at Telefónica
- Senior Developer at the University of Navarra
- Technology Analyst at SN Arquitectura
- Technical Leader at BBVA Compass
- Master's Degree in Telecommunications at the Open University of Catalonia
- Salesforce Marketing Cloud Certification
- Heroku Architect Designer Certification

04
Structure and Content

This university program will provide computer scientists with a deep understanding of the fundamentals of information security. The academic itinerary will provide graduates with the best practices to be protected against attacks, through techniques such as encryption of data in transit. Likewise, the syllabus will delve into User Access Management, a process that will ensure compliance in an organization by controlling who has access to resources or information. In this sense, the didactic contents will offer multiple strategies to monitor data availability and confidentiality within the platform.
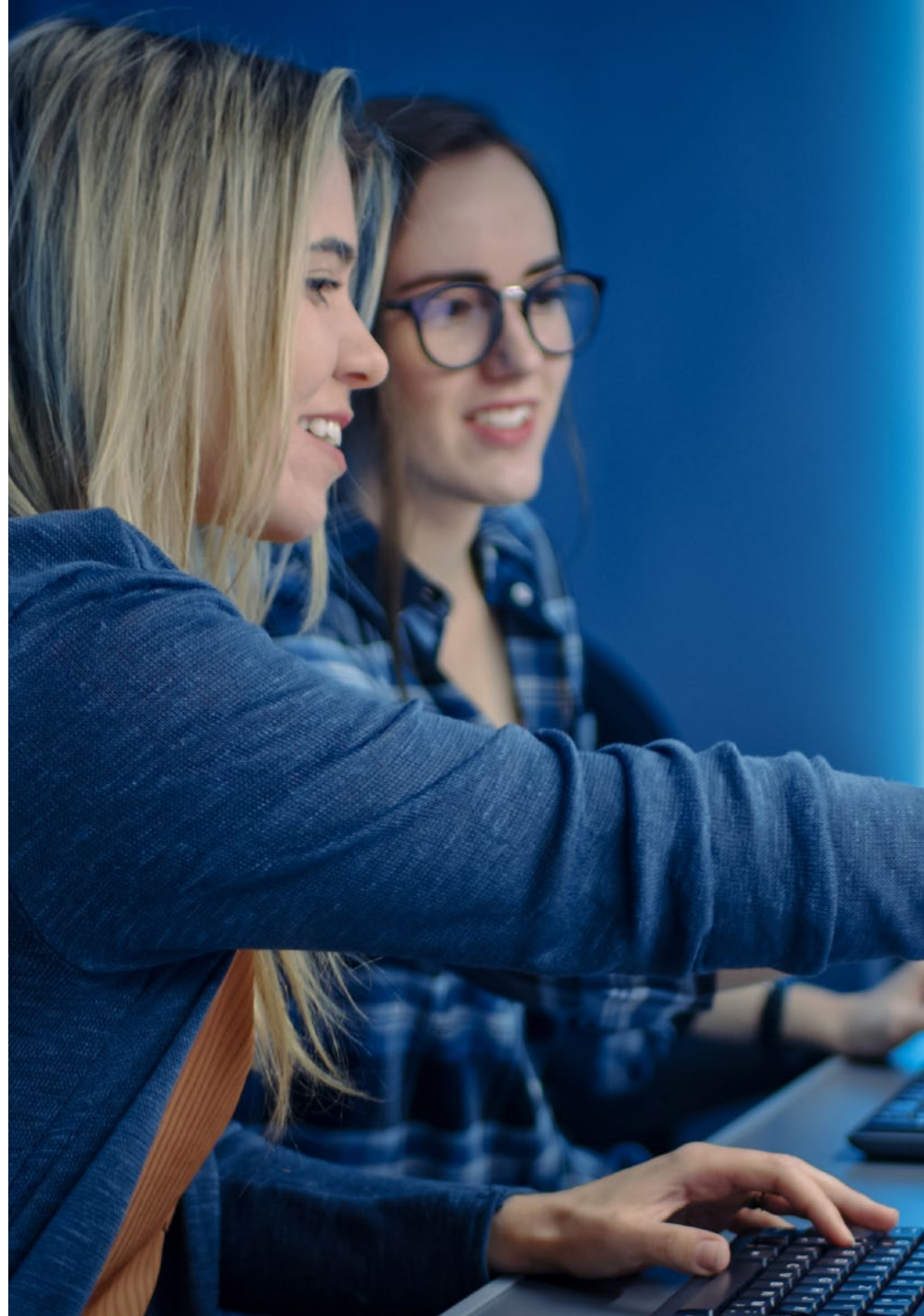
You will implement in your daily practice the most advanced Identity Management strategies in Salesforce, such as single sign-on"

Module 1. Salesforce Security

1.1.   Security in Apex
 1.1.1.   Security in Apex
 1.1.2.   Best Practices for Secure and Attack Protected Code
 1.1.3.   Data Encryption in Transit and at Rest
1.2.   Security in Visualforce
 1.2.1.   Security in Visualforce
 1.2.2.   Security in Visualforce Framework
 1.2.3.   Best Practices for Secure Code in Visualforce
1.3.   Security in Aura
 1.3.1.   Security in Aura Framework
 1.3.2.   Practical Examples of Protection and Security Evidences in Aura
 1.3.3.   Best Practices for Secure Code in Aura
1.4.   Security in Lightning Web Components
 1.4.1.   Security in LWC Framework
 1.4.2.   Practical Examples of Protection and Security Evidences in LWC
 1.4.3.   Best Practices for Secure Code in LWC
1.5.   User Access Management
 1.5.1.   User Profiling and Licensing (Profiles & Custom Permission)
 1.5.2.   Role Hierarchy and Territory Model
 1.5.3.   Team Management (Case, Account and Opportunity)
 1.5.4.   Queues and User Groups
 1.5.5.   Best Practices for External User Access
1.6.   Security at the Registry Level
 1.6.1.   OWD, Sharing Rules, ARSDR and Manual Sharing. Best Practices
 1.6.2.   Blocking of Registries
 1.6.3.   Implicit Sharing and Apex Sharing Reasons
 1.6.4.   Data Masking

Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice"
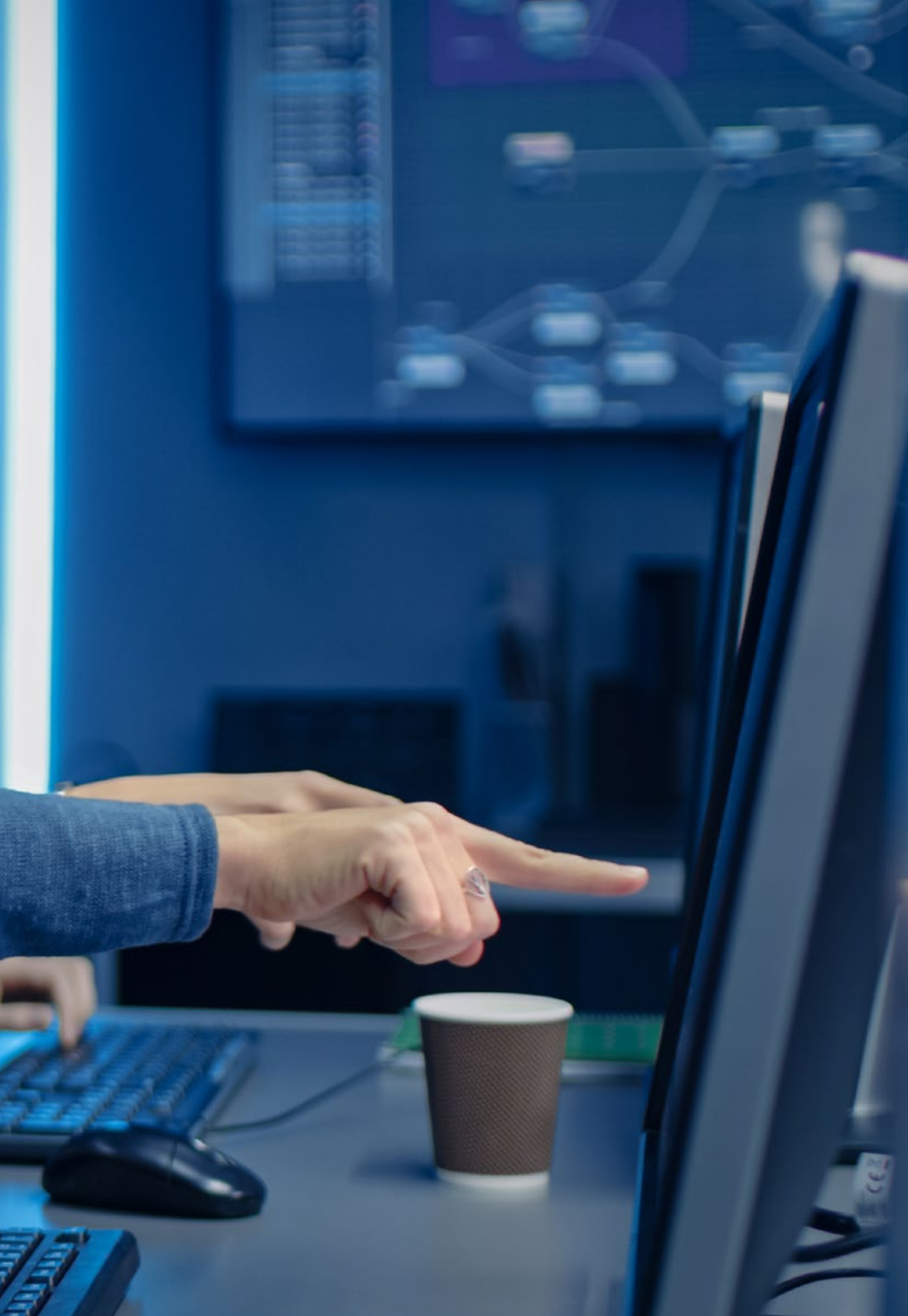
05
Methodology

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.

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

Case Study to contextualize all content

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

"

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

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

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. This methodology has trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, and financial markets and instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

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

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

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.
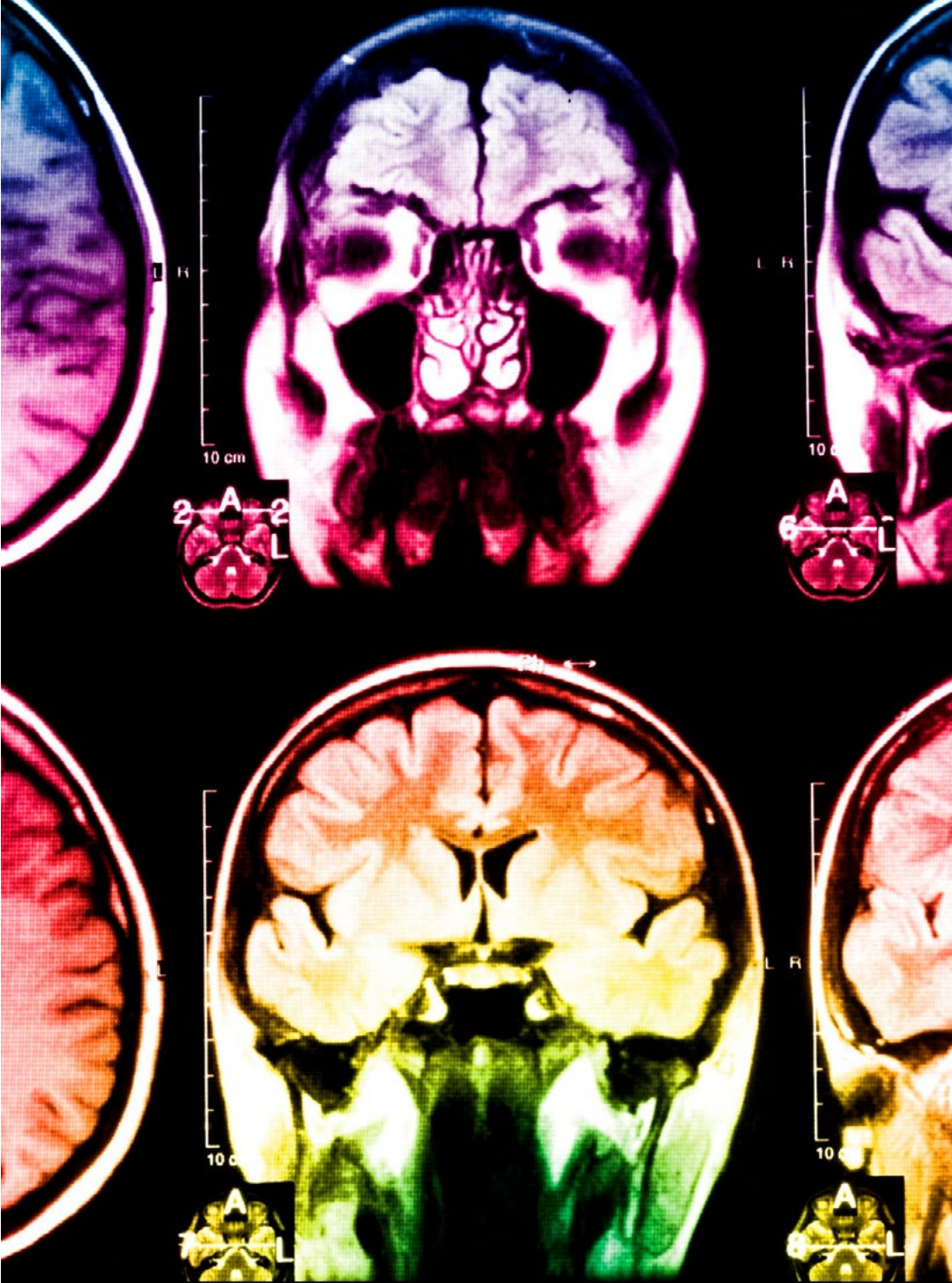
This program offers the best educational material, prepared with professionals in mind:
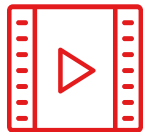
Study Material

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

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

Classes

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

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

Practising Skills and Abilities

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

Additional Reading

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

30%

10%

8%

20%

25%

4%

3%
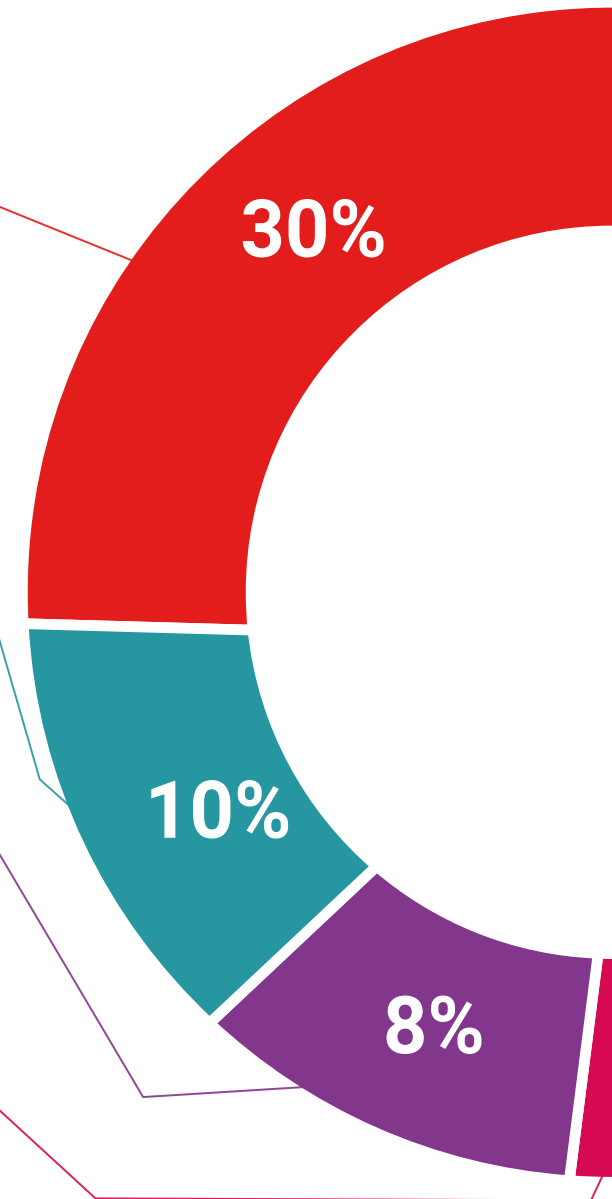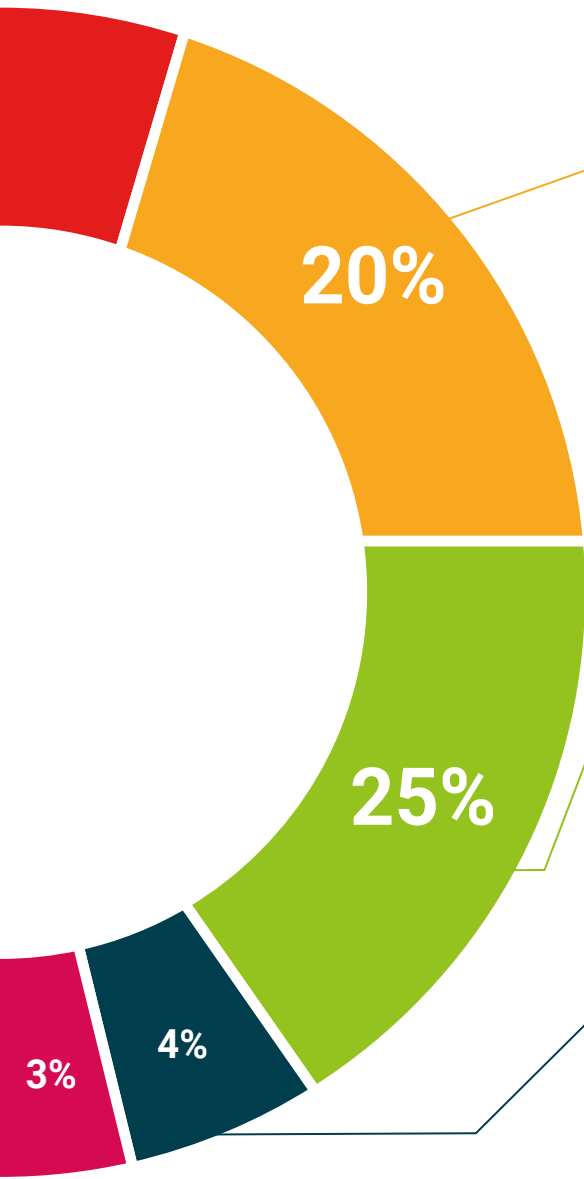
Case Studies

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

Interactive Summaries

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

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

Testing & Retesting

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

Certificate

The Postgraduate Certificate in Salesforce Security guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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

This private qualification will allow you to obtain a **Postgraduate Certificate in Salesforce Security** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University, is an official European University publicly recognized by the Government of Andorra *(official bulletin)*. Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Salesforce Security**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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tech *global university*

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Salesforce Security

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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

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