

Postgraduate Certificate

Secure Network Design and Risk Management



Postgraduate Certificate Secure Network Design and Risk Management

- » Modality: online
- » Duration: 8 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online
- » Aimed at: Graduates and professionals with demonstrable experience in the sector

Website: www.techtitude.com/us/school-of-business/postgraduate-certificate/secure-network-design-risk-management

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01 Welcome

The Postgraduate Certificate in Secure Network Design and Risk Management at TECH Global University is an intensive program that prepares you to face challenges and business decisions in the field of network and IT system security. Its main objective is to foster your personal and professional growth, helping you achieve success.

If you want to surpass yourself, make a positive change in your professional life, and connect with the best, this is the place for you.



Postgraduate Certificate in Secure Network Design and Risk Management
TECH Global University



“

The figure of the strict, inflexible, and authoritarian executive has become obsolete. A new profile has emerged—one that is much more in line with current trends and stands out for being technologically savvy, practicing active listening with employees, and being self-critical of their own work”

02

Why Study at TECH?

TECH Global University is a 100% online School of business with a strong presence in many countries, with great international alliances and an intense educational and business track record.



“

Our high value proposition is shaking the foundations of traditional business schools. We have the best academic resources, a teaching staff made up of the most outstanding practicing professionals and the most demanding methodology. And all at a breakthrough price”

At TECH Global University



Innovation

We offer you an online learning model that combines the latest educational technology with the most rigorous teaching methods. A unique, internationally recognized method that will provide you with the keys to develop in a constantly evolving world, where every entrepreneur must be committed to innovation.

"Microsoft Europe Success Story" to integrate innovative, interactive multi-video systems into our programs.



The Highest Standards

Our admissions criteria are not economic. You don't need to make a large investment to study with us. However, to become a TECH graduate, we will push your intelligence and problem-solving skills to the limit. Our academic standards are very high...

95%

of TECH students successfully complete their studies.



Networking

Professionals from countries all over the world attend TECH, so you will be able to create a large network of contacts that will aid you in the future.

38000

executives trained each year

23

different nationalities



Empowerment

Grow hand in hand with the best, most prestigious and influential companies and professionals. We have developed strategic partnerships and a valuable network of contacts with major economic players both in Europe and America.

+500

collaborative agreements with leading companies.



Talent

Our program is a unique initiative to showcase your talent in the business world. An opportunity that will allow you to voice your concerns and share your business vision.

Show the world your talents after completing this program.



Multicultural Context

Share a unique experience with us. You will be studying in a multicultural context. In a program with a global vision, which will allow you to learn about the working methods in different parts of the world, gathering the most innovative information that best suits your business idea.

Our students represent more than 35 different nationalities..



At TECH we strive for excellence and, to this end, we boast a series of characteristics that make us unique:



Learn with the best

Our teaching team explains in the classroom what has led them to success in their companies, working from a real, lively and dynamic context. Teachers who are fully committed to offering you a quality specialization that will allow you to advance in your career and stand out in the business world.

Teachers representing 20 different nationalities.



At TECH you will have access to Harvard Business School case studies."



Analysis

We explore your critical side, your ability to question things, problem-solving and interpersonal skills.



Academic Excellence

We offer you the best online learning methodology. We combine the Relearning method (the most internationally recognized postgraduate learning methodology) with Harvard Business School's case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



Economy of Scale

We are the biggest. TECH currently boasts a portfolio of more than 7,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price.** This way, we ensure that studying is not as expensive for you as it would be at another university.

03

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

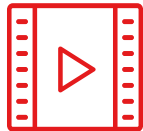
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

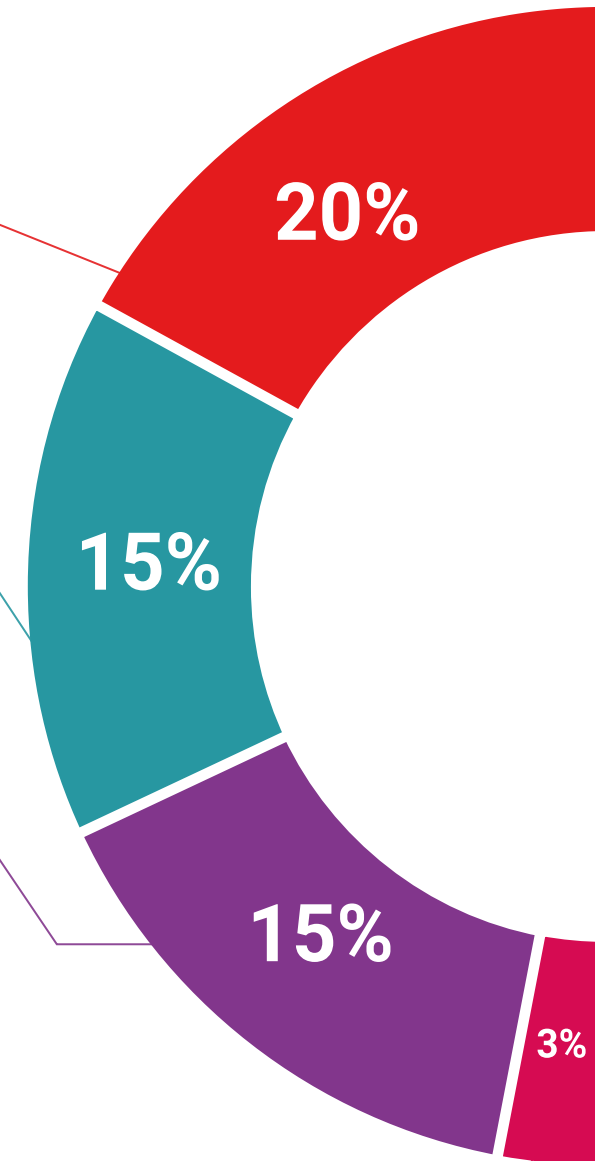
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

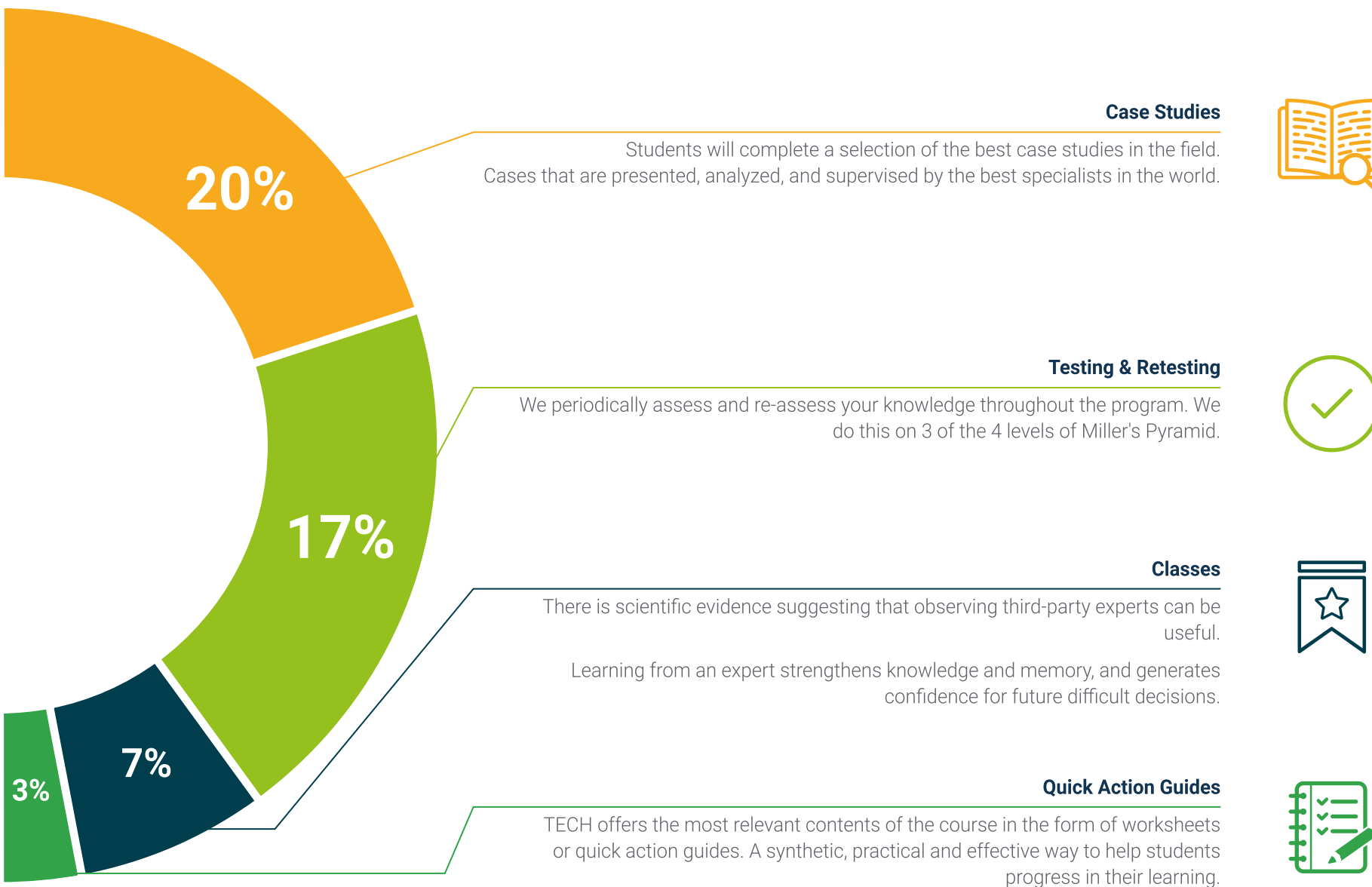
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





04 Objectives

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



“

International experience, ethical commitment, and business acumen are some of the most sought-after characteristics in executives in the digital age”

Your goals are our goals

We work together to help you achieve them

The **Postgraduate Certificate in Secure Network Design and Risk Management** will enable students to:

01

Describe the role of information systems security within the overall management processes of the company

02

Define the strategic objectives regarding the security of our IT proposal

03

Explain the various responsibilities and decisions that company management must make regarding the security of IS/IT





04

Define the decision-making process
in the implementation of technology
security strategies

05

Define the importance of strategic
alignment in the implementation of
secure technology strategies

05

Structure and Content

The Postgraduate Certificate in Secure Network Design and Risk Management at TECH Global University is a tailored program delivered 100% online, allowing you to choose the time and place that best fits your availability, schedule, and interests.

This program is developed over the course of 1 month and aims to be a unique and stimulating experience that lays the foundation for your success as a spokesperson in the implementation of secure networks and risk management.

The content of the Postgraduate Certificate in Secure Network Design and Risk Management is designed to foster the development of managerial skills that enable decision-making with greater rigor in uncertain environments.



“

What you study is very important. The skills and competencies you acquire are fundamental. You won't find a more complete syllabus than this, trust us...”

Syllabus

A plan designed for you, focused on your professional improvement and preparing you to achieve excellence in the field of IT systems security.

A program that understands both yours and your company's needs, through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional faculty, which will provide you with the skills to creatively and efficiently solve critical situations.

This Postgraduate Certificate is developed over the course of 1 month and is divided into three modules:

Module 1	Operating Systems for Servers
Module 2	Network Configuration
Module 3	IT Governance, Risk Management, and Compliance



Where, When and How is it Taught?

TECH offers students the opportunity to complete the Postgraduate Certificate in Secure Network Design and Risk Management entirely online. During the month-long specialization, students have access to all program content, allowing them to manage their study time independently.

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

Module 1. Operating Systems for Servers

1.1. Introduction to Information Security

- 1.1.1. Types of Attacks on an Information System
- 1.1.2. Measures to Ensure Information System Security
- 1.1.3. Risk Plan, Security Plan, and Contingency Plan

Module 2. Network Configuration

2.1. Network Security

- 2.1.1. Network Threats
- 2.1.2. Computer Viruses
- 2.1.1. Social Engineering
- 2.1.2. Hackers

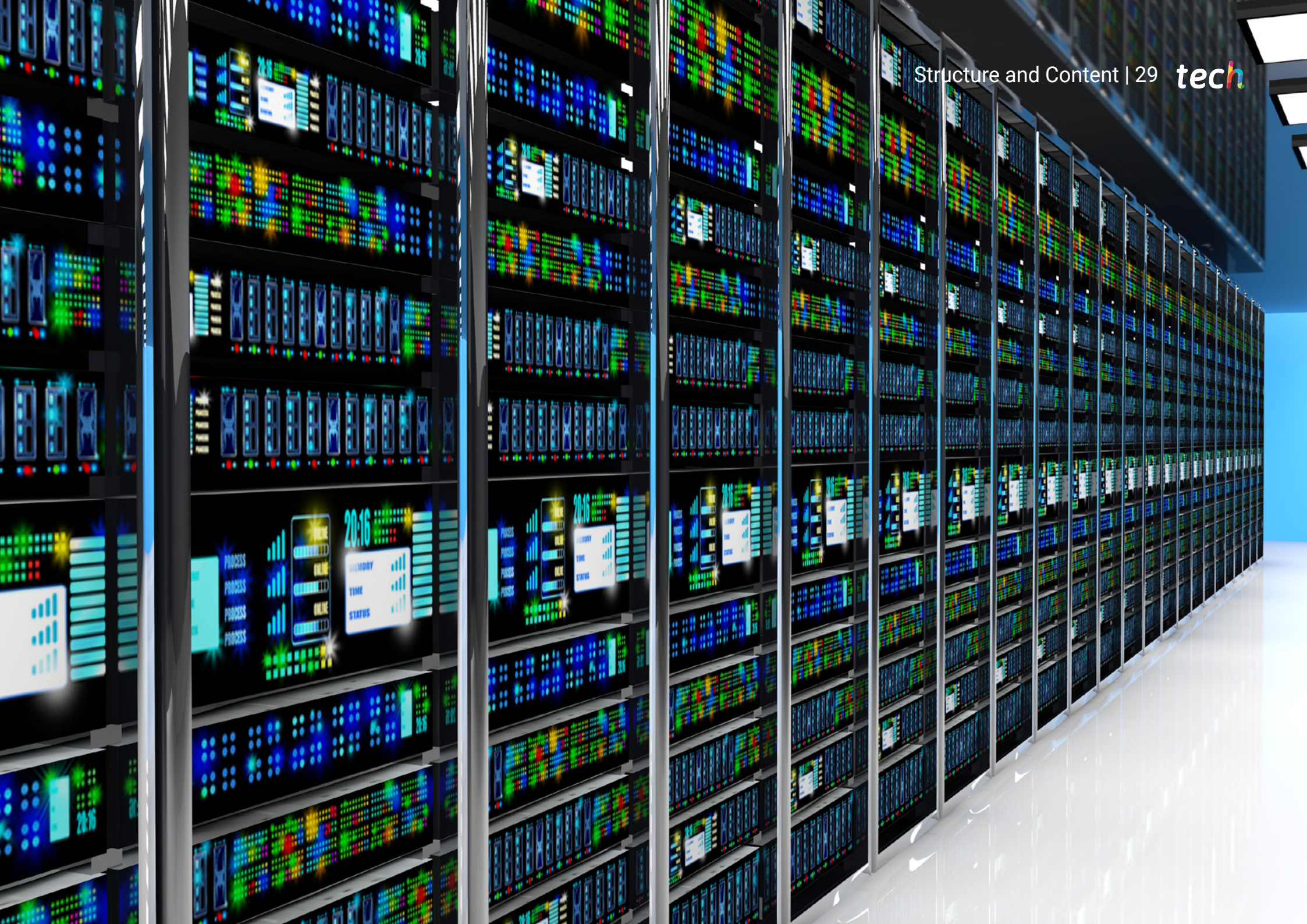
Module 3. IT Governance, Risk Management, and Compliance

3.1. IT Governance

- 3.1.1. IT Governance Supplements
- 3.1.2. Frameworks for IT Governance
- 3.1.3. ISO Standards on Information Security Management

3.1. Risk Management

- 3.2.1. Implementation Risks
- 3.2.2. Exploitation Risks



06

Our Students' Profiles

The Postgraduate Certificate in Secure Network Design and Risk Management is a program aimed at IT professionals who want to update their knowledge, discover new ways of technological management, and advance in their professional careers.



“

If you have experience in the financial sector and are looking for an interesting career boost while continuing to work, then this is the program for you”

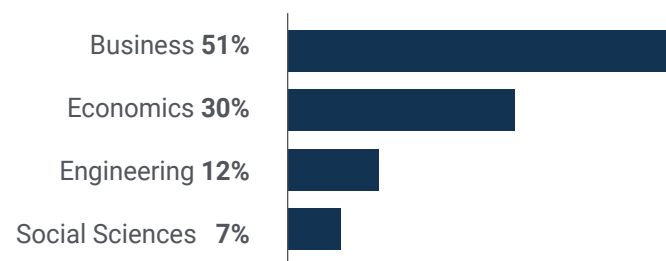
Average Age

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

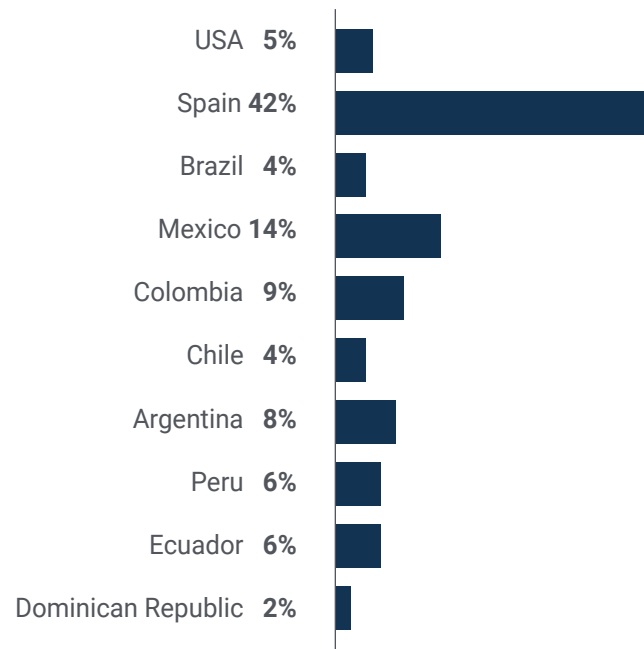
Years of Experience

10 years

Training



Geographical Distribution



Luis Sánchez Ortiz

IT Director

"The combination of academic content and the expertise of the faculty makes the Postgraduate Certificate in Secure Network Design and Risk Management from IT a key tool for evolving both professionally and personally. I have been pleasantly surprised by the quality and professionalism of all the members of the faculty"

08 Certificate

The Postgraduate Certificate in Secure Network Design and Risk Management guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 diploma for the **Postgraduate Certificate in Secure Network Design and Risk Management** 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.

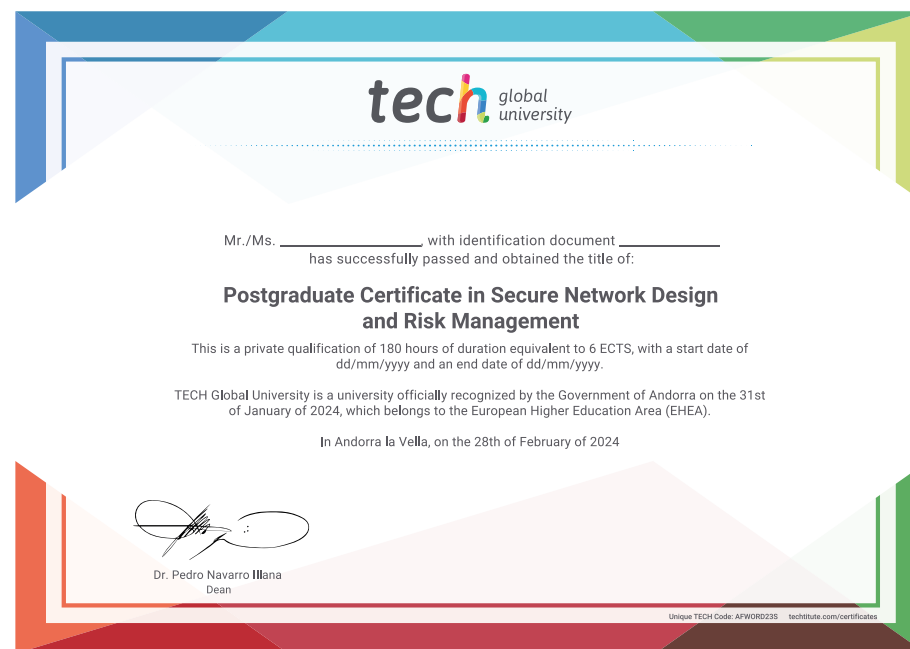
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Secure Network Design and Risk Management**

Modality: **online**

Duration: **8 weeks**

Accreditation: **6 ECTS**





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