

Postgraduate Certificate

Security Policy Implementation in Safe Areas



Postgraduate Certificate Security Policy Implementation in Safe Areas

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

Website: www.techtute.com/us/information-technology/postgraduate-certificate/security-policy-implementation-safe-areas

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01

Introduction

The implementation of Security Policies has become crucial to protect both the physical assets and the digital information of organizations. With the increase in sophisticated threats, from cyberattacks to physical risks, it is essential that companies establish clear protocols that regulate access to and use of their resources. Policies should include the use of emerging technologies, such as Multi-Factor Authentication (MFA) systems and user behavior analysis, which can detect unusual activity and prevent security breaches before they occur. In this context, TECH has developed a comprehensive 100% online program, only requiring an electronic device with an Internet connection to access the teaching materials. In addition, it will be based on the innovative Relearning methodology, pioneered by this institution.



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With this 100% online program, you will gain specialized knowledge and practical skills in the creation and management of an Information Security Management System (ISMS)”

In the current context of growing concern about cybersecurity, the implementation of security policies has become essential to protect sensitive information and critical systems. According to ENISA's latest Cybersecurity report, security breaches have increased by 25% in the last year, highlighting the urgent need to develop robust protocols to mitigate risks.

This is how this program was developed, designed to train IT professionals in the creation and management of an Information Security Management System (ISMS) within an organization. In this sense, they will be able to determine which departments should cover the implementation of the ISMS, ensuring that all critical aspects of the company are protected. In addition, they will learn to identify and manage cybersecurity-related assets.

The syllabus will also focus on developing the necessary measures to guarantee these good practices, as well as implementing security countermeasures that are effective in the company's daily operations. They will also address the implications of the ISMS on internal organization, emphasizing the importance of collaboration between departments and staff training, especially in the area of Human Resources.

Finally, a comprehensive analysis of the measures to be implemented in relation to suppliers and the maintenance of information systems will be included. Students will be instructed in how to establish regulations to govern the entire ISMS implementation and management process, ensuring that every aspect is covered. In turn, the need for periodic audits and analysis of countermeasures in operations will be addressed.

In this way, TECH has implemented a complete program that is completely online, whose maximum flexibility will allow graduates to avoid problems such as traveling to a physical center or adjusting to a pre-established schedule. Additionally, they will have the support of the revolutionary learning methodology Relearning, which consists of the reiteration of key concepts for an optimal and organic assimilation of the contents.

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

- ♦ The development of case studies presented by experts in computer security
- ♦ The graphic, schematic and practical contents of the book provide technical and practical information on those disciplines that are essential for professional practice.
- ♦ Practical exercises where the self-assessment process can be carried out 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



You will acquire skills in the implementation of security policies and operational countermeasures, becoming an agent of change within your company, thanks to an extensive library of multimedia resources”

“

You will be able to carry out an exhaustive analysis of business processes to identify critical assets in terms of cybersecurity, guaranteeing that information management is comprehensive and effective. Enroll now!"

The program's teaching staff includes professionals from the sector who contribute their work experience to this specializing 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, students will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will establish the regulations that govern the entire process of implementing security policies, managing the countermeasures necessary to mitigate risks. With all the quality guarantees that TECH offers you!

Bet on TECH! You will develop specific strategies for the Human Resources department, including staff training and the incorporation of policies that protect sensitive information.

02 Objectives

Through a comprehensive approach, IT professionals will be equipped with the necessary tools to identify and analyze risks, establish appropriate security policies and develop operational countermeasures that guarantee the confidentiality, integrity and availability of information. In addition, collaboration between different departments will be fostered, including Human Resources management and supplier relations, ensuring that good security practices are integrated throughout the organizational structure. Professionals will also be prepared to face current cybersecurity challenges, making them leaders in promoting a robust and proactive security culture.



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The main objective of this program will be to train you in the design, implementation and management of an effective Information Security Management System (ISMS)”

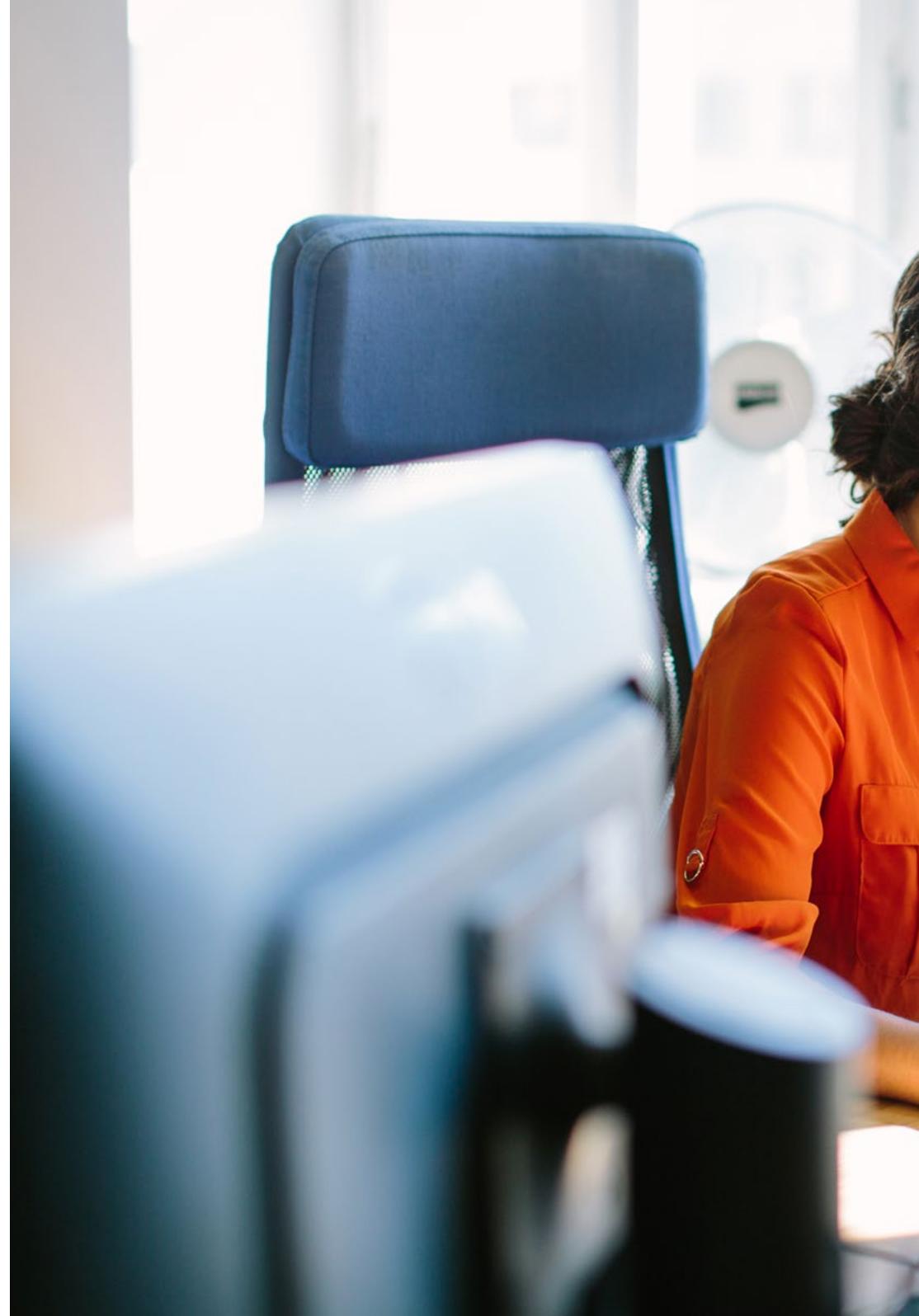


General Objectives

- ♦ Study the key concepts of information security in depth
- ♦ Develop the necessary measures to ensure good information security practices
- ♦ Develop the different methodologies for conducting a comprehensive threat analysis
- ♦ Install and learn about the different tools used in the treatment and prevention of incidents



You will promote a culture of security that fosters trust and organizational resilience, thanks to the best teaching materials on the educational market, at the forefront of technology and education"





Specific Objectives

- ◆ Implement an ISMS in the company
- ◆ Determine which departments should be covered by the implementation of the safety management system
- ◆ Develop the necessary measures to ensure good information security practices
- ◆ Implement necessary security countermeasures in the operation
- ◆ Check the involvement of an ISMS in the internal organization of the company
- ◆ Manage Cybersecurity assets and develop business process analysis
- ◆ Implement IT security measures in the HR department
- ◆ Establish security policies in the company
- ◆ Determine what measures to implement with suppliers and maintenance of information systems
- ◆ Analyze operational countermeasures
- ◆ Establish the regulations related to the whole process
- ◆ Implement and develop good practices in IT Security

03

Course Management

The lecturers are highly qualified professionals with extensive experience in the field of cybersecurity and information management. In fact, they come from academic and business backgrounds, providing a practical and up-to-date perspective on the challenges and trends in the field. In addition, they have a deep theoretical knowledge of Information Security Management Systems (ISMS), as they have been involved in the implementation of security policies in various organizations. As such, their pedagogical approach will be based on promoting critical analysis and problem solving in real-world situations.



“

Thanks to the guidance of the lecturers, you will develop technical skills and a strategic understanding of how to integrate security into organizational culture, preparing you to become a leader in your field”

Management



Ms. Fernández Sapena, Sonia

- Trainer in Computer Security and Ethical Hacking at the National Reference Center for Information Technology and Telecommunications
- Trainer in Computer Security and Ethical Hacking at the National Reference Center of Getafe in Computer Science and Telecommunications in Madrid
- Certified E-Council instructor
- Trainer in the following certifications: EXIN Ethical Hacking Foundation and EXIN Cyber & IT Security Foundation. Madrid
- Accredited expert trainer by the CAM of the following certificates of professionalism: Computer Security (IFCT0190), Voice and Data Network Management (IFCM0310), Departmental Network Administration (IFCT0410), Alarm Management in Telecommunications Networks (IFCM0410), Voice and Data Network Operator (IFCM0110), and Internet Services Administration (IFCT0509).
- External collaborator CSO/SSA (*Chief Security Officer/Senior Security Architect*) at the University of the Balearic Islands
- Degree in Computer Engineering from the University of Alcalá de Henares, Madrid.
- Master's Degree in DevOps: Docker and Kubernetes. Cas-Training
- Microsoft Azure Security Technologies. E-Council

Professors

Mr. Solana Villarias, Fabián

- ◆ Information Technology Consultant
- ◆ Creator and Administrator of Survey Services in Research, Planning and Development SA
- ◆ Financial Markets and IT Systems Maintenance Specialist at Iberia Financial Software
- ◆ Web Developer and Accessibility Specialist at Indra
- ◆ Degree in Systems Engineering from the University of Wales/CESINE
- ◆ Diploma in Technical Engineering in Computer Systems Engineering from the University of Wales/ CESINE

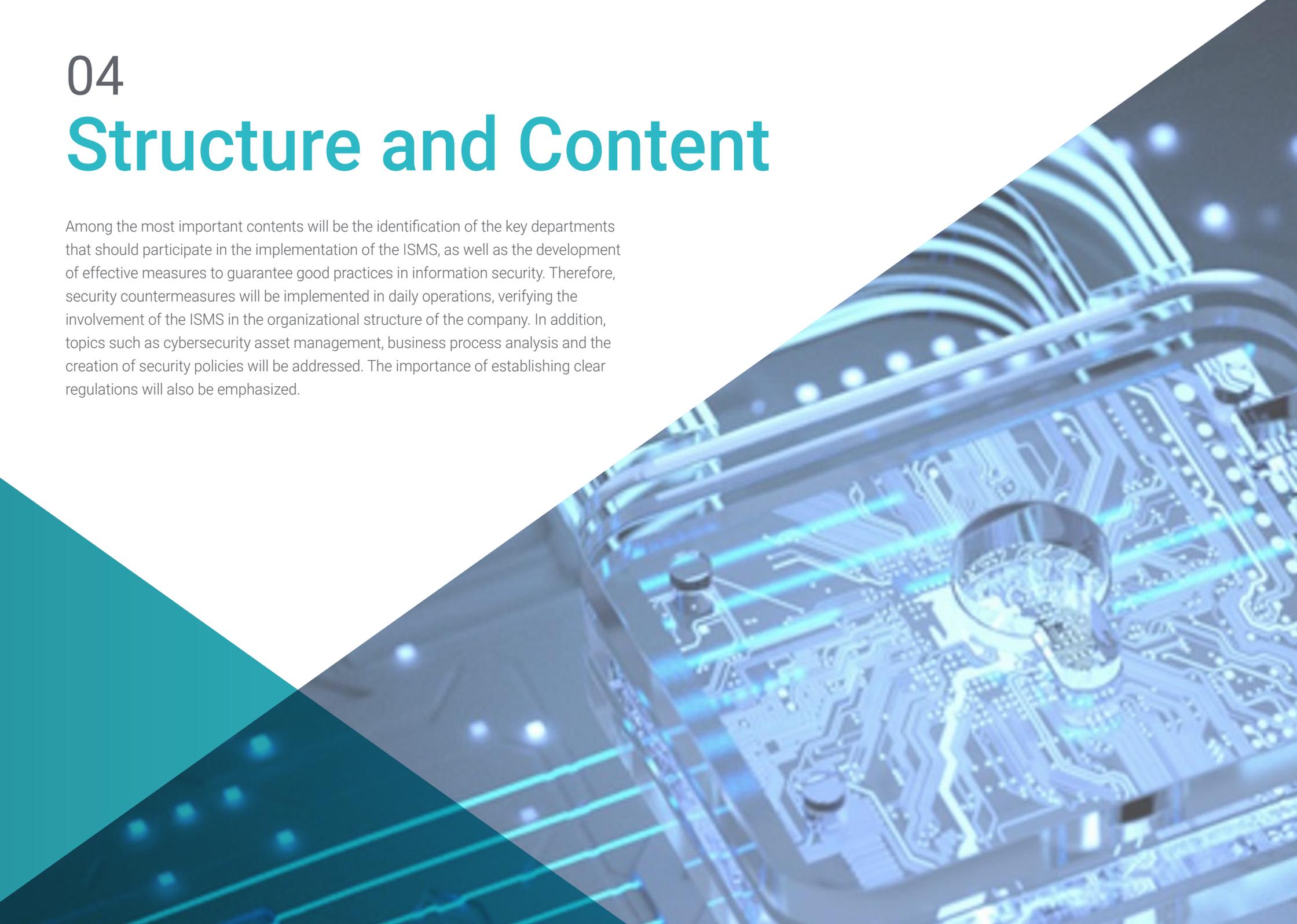
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All the lecturers on this program have extensive experience, offering you an innovative perspective on the main advances in this field of study”

04

Structure and Content

Among the most important contents will be the identification of the key departments that should participate in the implementation of the ISMS, as well as the development of effective measures to guarantee good practices in information security. Therefore, security countermeasures will be implemented in daily operations, verifying the involvement of the ISMS in the organizational structure of the company. In addition, topics such as cybersecurity asset management, business process analysis and the creation of security policies will be addressed. The importance of establishing clear regulations will also be emphasized.



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You will develop and implement operational security measures, establishing countermeasures to mitigate specific threats, hand in hand with the world's best online university, according to Forbes: TECH”

Module 1. Organizational Aspects of Information Security Policy

- 1.1. Internal Organization
 - 1.1.1. Assigning Responsibilities
 - 1.1.2. Segregation of Duties
 - 1.1.3. Contacts with Authorities
 - 1.1.4. Information Security in Project Management
- 1.2. Asset Management
 - 1.2.1. Liability for Assets
 - 1.2.2. Classification of Information
 - 1.2.3. Handling of Storage Media
- 1.3. Security Policies in Business Processes
 - 1.3.1. Analysis of the Vulnerabilities of Business Processes
 - 1.3.2. Business Impact Analysis
 - 1.3.3. Classification of Processes with Respect to Business Impact
- 1.4. Security Policies Linked to Human Resources
 - 1.4.1. Before Hiring
 - 1.4.2. During Hiring
 - 1.4.3. Termination or Change of Position
- 1.5. Management Security Policies
 - 1.5.1. Management Guidelines on Information Security
 - 1.5.2. BIA - Analyzing the Impact
 - 1.5.3. Recovery Plan as a Security Policy
- 1.6. Acquisition and Maintenance of Information Systems
 - 1.6.1. Information Systems Security Requirements
 - 1.6.2. Development and Support Data Security
 - 1.6.3. Test Data
- 1.7. Security with Suppliers
 - 1.7.1. IT Security with Suppliers
 - 1.7.2. Management of Service Delivery with Assurance
 - 1.7.3. Supply Chain Security



- 1.8. Operational Safety
 - 1.8.1. Operational Responsibilities
 - 1.8.2. Protection Against Malicious Code
 - 1.8.3. Backup Copies
 - 1.8.4. Activity and Supervision Records
- 1.9. Safety and Regulatory Management
 - 1.9.1. Safety and Regulatory Management
 - 1.9.2. Compliance with Legal Requirements
 - 1.9.3. Information Security Reviews
- 1.10. Business Continuity Management Security
 - 1.10.1. Business Continuity Management Security
 - 1.10.2. Continuity of Information Security
 - 1.10.3. Redundancies



Not only will you increase your value in the labor market, but you will also position yourself as an expert in a critical area, facilitating your professional advancement and contributing to global cybersecurity”

05

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.



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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

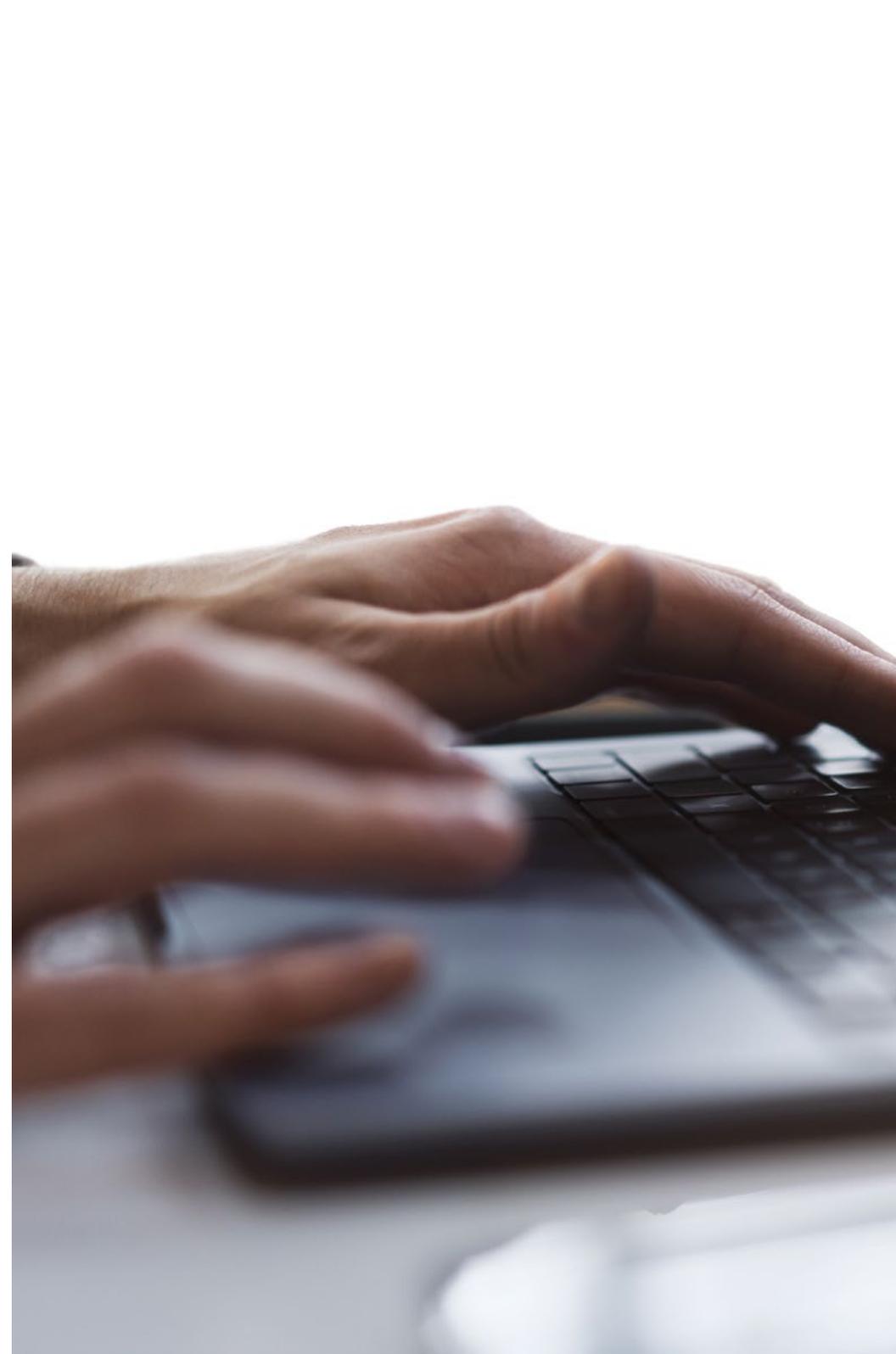
In TECH's study methodology, the student is the main protagonist.

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.

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*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.

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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.

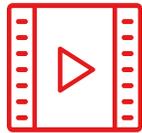
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

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

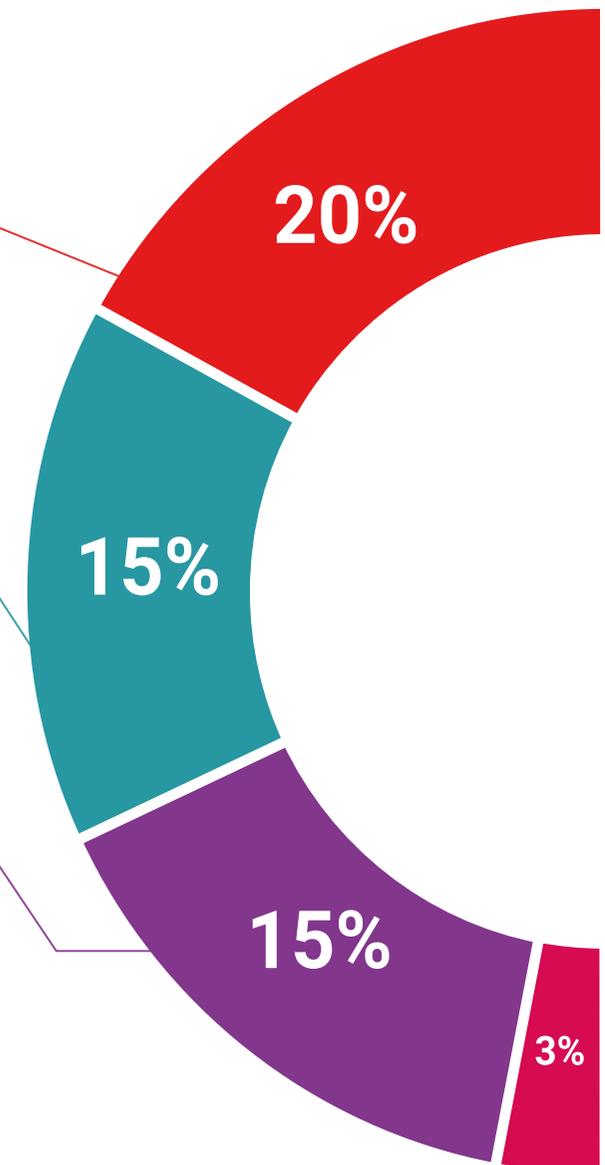
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

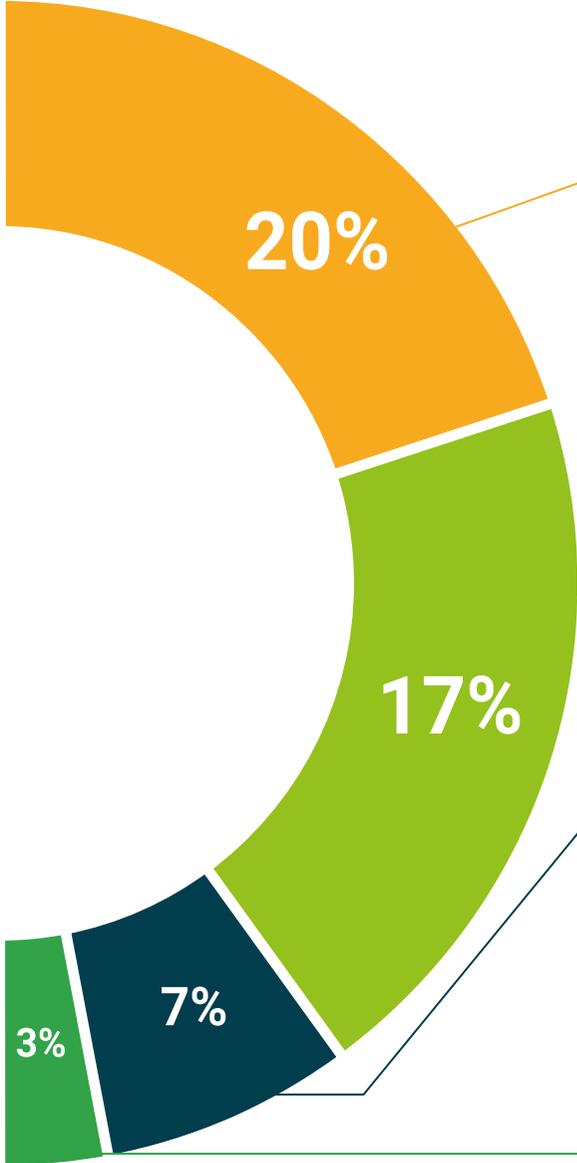
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for future difficult decisions.



Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical and effective way to help students progress in their learning.



06 Certificate

The Postgraduate Certificate in Security Policy Implementation in Safe Areas 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.



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*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 Security Policy Implementation in Safe Areas** 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 Security Policy Implementation in Safe Areas**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



*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.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present
development languages
classroom



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