Executive Master's Degree

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)

MBA CMCCISO

tech technological university

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Executive Master's Degree

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)

- Modality: **online**
- Duration: **12 months**
- Certificate: **TECH Technological University**
- Accreditation: **90 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/school-of-business/executive-master-degree/master-mba-cybersecurity-management-ciso-chief-information-security-officer**

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01

Welcome

Modern society is hyperconnected. The information age allows citizens to access any piece of data at the click of a button. But this has also meant that digital threats are the order of the day, so companies are more at risk than ever of receiving malicious software that damages their production and security, or even exposes customer and employee personal data, in turn exposing their IT weaknesses. Although protection in this area is the job of IT specialists, more and more Chief Revenue Officers and other managers are deciding to specialize in this field in order to try to stop cybercriminals and avoid being the target of their attacks. For all those reasons, TECH has created this program for business professionals to have access to the most relevant information available, through a syllabus that will be easy for students to understand. Therefore, and thanks to the knowledge acquired, graduates will be able to work with total success as Chief Information Security Office, a position on the rise and with great growth prospects.

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)
TECH Technological University

Enhance your skills in Cybersecurity Management thanks to 10 Masterclasses given by an internationally renowned specialist"

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 center for intensive managerial skills education.

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 balances 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.

+100000
executives prepared 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.

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 analyses in academia"

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 (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational 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 ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

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 education of the highest academic level"

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01

A Strong Boost to Your Career

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 students achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

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

You will 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 fields 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

You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.

04

Objectives

This TECH program has been designed to strengthen the professional skills of business executives, who, in addition to being widely specialized in their area of activity, will find in this program a unique opportunity to improve in a highly relevant field, since they will learn to prevent potential Internet threats that can cause serious damage to businesses. This way, they will become professional experts in different branches, so they will be able to protect all areas of the company from cyberattacks, thereby becoming a Chief Information Security Officer.

Increase your specialization and achieve your work objectives thanks to the superior course offered by TECH with this program"

TECH makes the goals of their students their own goals too
Working together to achieve them

The **MBA in Cybersecurity Management (CISO, Chief Information Security Officer)** will enable students to:

01 Analyze the role of the cybersecurity analyst

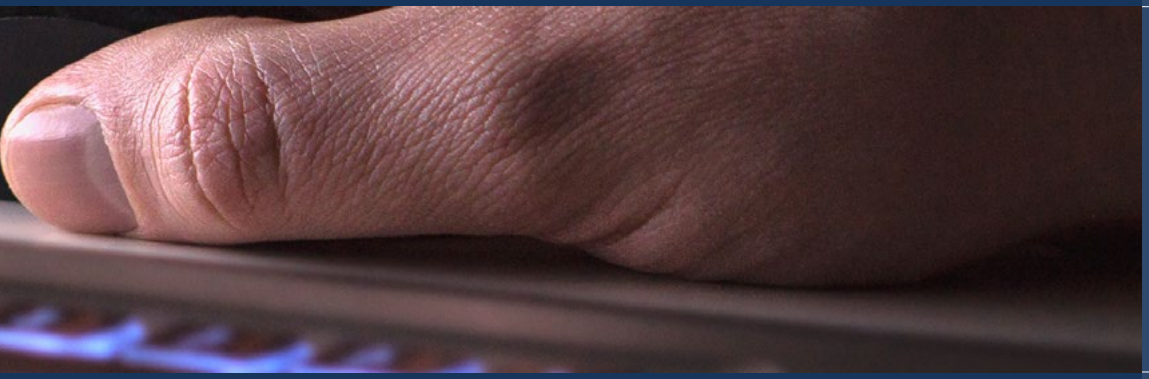
02 Study in depth on social engineering and its methods

03 Explore the OSINT, HUMINT, OWASP, PTEC OSSTM, OWISAM methodologies

04 Conduct a risk analysis and understand risk metrics

05 Determine the appropriate use of anonymity and use of networks such as TOR, I2P and Freenet

06 Generate specialized knowledge to perform a security audit



07 Develop appropriate usage policies

08 Examine the most important threat detection and prevention systems

09 Evaluate new threat detection systems, as well as their evolution with respect to more traditional solutions

10 Analyze the main current mobile platforms, their characteristics and use

11 Identify, analyze and assess security risks of the IoT project parts

12 Evaluate the information obtained and develop prevention and hacking mechanisms

13 Apply reverse engineering to the cybersecurity environment

14 Specify the tests to be performed on the developed software

15 Collect all existing evidence and data to conduct a forensic report

16 Duly submit the forensic report

17 Analyze the current and future state of computer security

18 Examine the risks of new emerging technologies

19 Compile the different technologies in relation to computer security

05

Skills

This MBA in Cybersecurity Management (CISO, Chief Information Security Officer) has been designed to improve the competitiveness of professionals in the business sector. Upon completing the program, students will have acquired the necessary skills to perform quality and updated work based on the most innovative teaching methodology. Undoubtedly, a program that will improve their qualifications and will allow them to be more competitive in their daily work, by unifying all the relevant aspects of IT Security that managers must know and put into practice.

Delve into the study of computer security and improve your skills to protect from potential network threats"

01 Know the methodologies used in cybersecurity

02 Assess each type of threat in order to offer an optimal solution in each case

03 Generate complete intelligent solutions to automate incident behaviors

04 Assess the risks associated with vulnerabilities both outside and inside the company

05 Understand the evolution and impact of IoT over time

06 Demonstrate that a system is vulnerable, attack it for preventive purposes and solve such problems

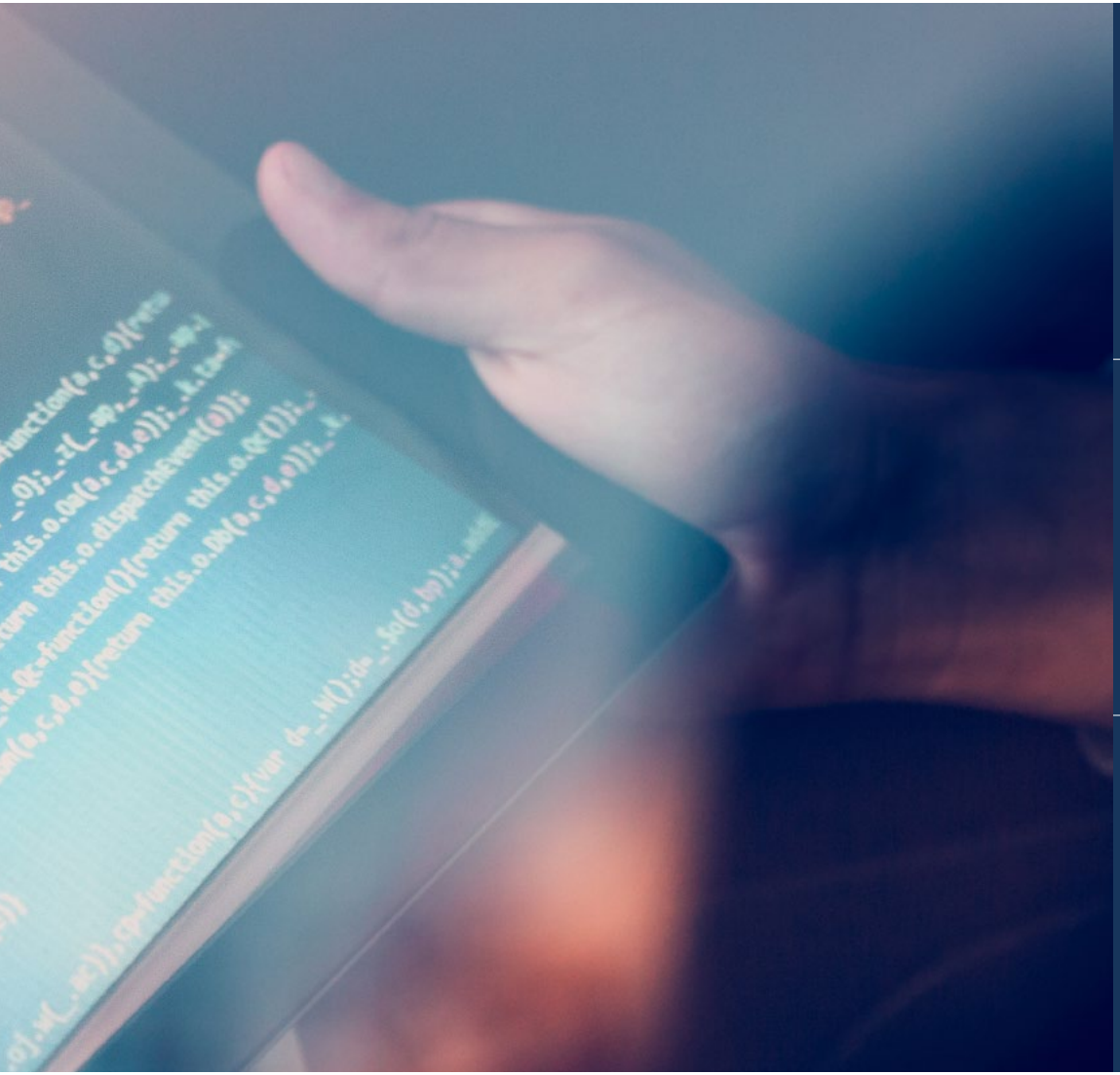
07 Know how to apply Sandboxing in different environments

08 Know the guidelines that a good developer must follow in order to comply with the necessary security requirements

09 Conduct defensive security operations

10 Have a deep and specialized perception of IT security

11 Apply security processes for smartphones and handheld devices



12 Identify the means to perform so-called ethical *Hacking* to protect a company from cyberattacks

13 Be able to investigate a cybersecurity incident

14 Differentiate between existing attacks and defense techniques

06

Structure and Content

This TECH program has been designed to meet the specialization needs of business professionals who wish to expand their knowledge of computer security, a fundamental qualification to protect from potential threats that can pose great risks to any company. Therefore, this MBA will allow them to acquire specific knowledge that they can immediately apply to their work practice. And, to do so, they will use a totally online methodology so they can balance their studies with the rest of their daily obligations.

This program will be essential to detect possible cyber-attacks in your company"

Syllabus

TECH Technological University's MBA in Cybersecurity Management (CISO, Chief Information Security Officer) is an intensive program designed to foster the development of managerial skills that will allow for
decision making with greater rigor in uncertain environments.

Throughout 2,700 hours of study, students will acquire the necessary skills to develop successfully in their daily practice. It is, therefore, an authentic immersion in real business situations.

This program deals with the different areas of a company in depth, and it is designed for managers to understand cybersecurity from a strategic, international and innovative perspective.

A plan designed for students, focused on their professional development, which prepares them to achieve excellence in the field of computer security management and administration. A program that understands their needs and those of their company through innovative content based on the latest trends, and supported by the best educational methodology and an exceptional faculty.

To all this, we must add 10 exclusive Masterclasses that are part of the didactic materials, at the forefront of technology and education. These lessons have been designed by an internationally renowned specialist in Intelligence, Cybersecurity and Disruptive Technologies. Useful resources that will help executive professionals to specialize in Cybersecurity Management and effectively manage the departments of their company dedicated to this important area.

The program takes place over 12 months and is divided into 15 modules:

Module 1	Cyberintelligence and Cybersecurity
Module 2	Host Security
Module 3	Network Security (Perimeter)
Module 4	Smartphone Security
Module 5	IoT Security
Module 6	Ethical Hacking
Module 7	Inverse Engineering
Module 8	Secure Development
Module 9	Forensic Analysis
Module 10	Current and Future Challenges in Information Security
Module 11	Leadership, Ethics and Social Responsibility in Companies
Module 12	People and Talent Management
Module 13	Economic and Financial Management
Module 14	Commercial and Strategic Marketing Management
Module 15	Executive Management

Where, When and How is it Taught?

TECH offers its students the possibility of taking this program completely online. During the 12 months that the program lasts, you will be they can to access all the contents of this program at any time, which will allow them to self-manage their study time.

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

Module 1. Cyberintelligence and Cybersecurity

1.1. Cyberintelligence

1.1.1. Cyberintelligence
- 1.1.1.1. Intelligence
  - 1.1.1.1.1. Intelligence Cycle
- 1.1.1.2. Cyberintelligence
- 1.1.1.3. Cyberintelligence and Cybersecurity

1.1.2. The Intelligence Analyst
- 1.1.2.1. The Role of the Intelligence Analyst
- 1.1.2.2. The Intelligence Analyst's Biases in Evaluative Activity

1.2. Cybersecurity

1.2.1. Layers of Security
1.2.2. Identification of Cyber Threats
- 1.2.2.1. External Threats
- 1.2.2.2. Internal Threats

1.2.3. Adverse Actions
- 1.2.3.1. Social Engineering
- 1.2.3.2. Commonly Used Methods

1.3. Techniques and Tools of Intelligences

1.3.1. OSINT
1.3.2. SOCMINT
1.3.3. HUMIT
1.3.4. Linux Distributions and Tools
1.3.5. OWISAM
1.3.6. OWISAP
1.3.7. PTES
1.3.8. OSSTM

1.4. Evaluation Methodologies

1.4.1. Intelligence Analysis
1.4.2. Techniques for Organizing Acquired Information
1.4.3. Reliability and Credibility of Information Sources
1.4.4. Analysis Methodologies
1.4.5. Presentation of Intelligence Results

1.5. Audits and Documentation

1.5.1. IT Security Audit
1.5.2. Documentation and Permissions for Audit
1.5.3. Types of Audits
1.5.4. Deliverables
- 1.5.4.1. Technical Report
- 1.5.4.2. Executive Report

1.6. Anonymity in the Network

1.6.1. Use of Anonymity
1.6.2. Anonymity Techniques (Proxy, VPN)
1.6.3. TOR, Freenet and IP2 Networks

1.7. Threats and Types of Security

1.7.1. Types of Threats
1.7.2. Physical Security
1.7.3. Network Security
1.7.4. Logical Security
1.7.5. Web Application Security
1.7.6. Security on Mobile Devices

1.8. Regulations and Compliance

1.8.1. The GDPR
1.8.2. BORRAR
1.8.3. ISO 27000 Family
1.8.4. NIST Cybersecurity Framework
1.8.5. PIC
1.8.6. ISO 27032
1.8.7. Cloud Regulations
1.8.8. SOX
1.8.9. ICP

1.9. Risk Analysis and Metrics

1.9.1. Extent of Risk
1.9.2. The Assets
1.9.3. Threats
1.9.4. Vulnerabilities
1.9.5. Risk Evaluation
1.9.6. Risk Treatment

1.10. Important Cybersecurity Agencies

1.10.1. NIST
1.10.2. OEA
1.10.3. UNASUR-PROSUR

Module 2. Host *Security*

2.1. Backup Copies
2.1.1. Backup Strategies
2.1.2. Tools for Windows
2.1.3. Tools for Linux
2.1.4. Tools for MacOS

2.2. User Antivirus
2.2.1. Types of Antivirus
2.2.2. Antivirus for Windows
2.2.3. Antivirus for Linux
2.2.4. Antivirus for MacOS
2.2.5. Antivirus for Smartphones

2.3. Intrusion Detection-HIDS
2.3.1. Intrusion Detection Methods
2.3.2. Sagan
2.3.3. Aide
2.3.4. *Rkhunter*

2.4. Local Firewall
2.4.1. Firewalls for Windows
2.4.2. Firewalls for Linux
2.4.3. Firewalls for MacOS

2.5. Password Managers
2.5.1. Password
2.5.2. LastPass
2.5.3. KeePass
2.5.4. StickyPassword
2.5.5. RoboForm

2.6. Detectors for Phishing
2.6.1. Manual Phishing Detection
2.6.2. Antiphishing Tools

2.7. Spyware
2.7.1. Avoidance Mechanisms
2.7.2. Antispyware Tools

2.8. Trackers
2.8.1. Measures to Protect the System
2.8.2. Anti-tracking Tools

2.9. EDR- End point Detection and Response
2.9.1. EDR System Behavior
2.9.2. Differences between EDR and Antivirus
2.9.3. The Future of EDR Systems

2.10. Control Over Software Installation
2.10.1. Repositories and Software Stores
2.10.2. Lists of Permitted or Prohibited Software
2.10.3. Update Criteria
2.10.4. Software Installation Privileges

Module 3. Network Security (Perimeter)

3.1. Threat Detection and Prevention Systems
3.1.1. General Framework for Security Incidents
3.1.2. Current Defense Systems: Defense in Depth and SOC
3.1.3. Current Network Architectures
3.1.4. Types of Tools for Incident Detection and Prevention
3.1.4.1. Network-based Systems
3.1.4.2. Host-Based Systems
3.1.4.3. Centralized Systems
3.1.5. Instance/Hosts, Container and Serverless Communication and Detection

3.2. Firewall
3.2.1. Types of Firewalls
3.2.2. Attacks and Mitigation
3.2.3. Common Firewalls in Linux Kernel
3.2.3.1. UFW
3.2.3.2. *Nftables and Iptables*
3.2.3.3. Firewalls
3.2.4. Detection Systems Based on System Logs
3.2.4.1. TCP Wrappers
3.2.4.2. BlockHosts and DenyHosts
3.2.4.3. Fai2ban.

3.3. Intrusion Prevention and Detection Systems (IDS/ IPS)
3.3.1. Attacks on IDS/IPS
3.3.2. IDS/IPS Systems
3.3.2.1. Snort
3.3.2.2. Suricata

3.4. Next Generation *Firewalls* (NGFW)
3.4.1. Differences between NGFW and Traditional Firewall
3.4.2. Main Capabilities
3.4.3. Commercial Solutions
3.4.4. Firewalls for Cloud Services
3.4.4.1. Virtual Private Cloud (VPC) Architecture
3.4.4.2. ACLs Cloud
3.4.4.3. Security Group

3.5. Proxy
3.5.1. Types of Proxy
3.5.2. Uses of Proxies Advantages and Disadvantages

3.6. Antivirus Engines
3.6.1. General Context of Malware and IoCs
3.6.2. Antivirus Engine Problems

3.7. Email Protection Systems
3.7.1. Antispam
3.7.1.1. Black and White Lists
3.7.1.2. Bayesian Filters
3.7.2. Mail Gateway (MGW)

3.8. SIEM
3.8.1. Components and Architecture
3.8.2. Correlation Rules and Use Cases
3.8.3. Current Challenges in SIEM Systems

3.9. SOAR
3.9.1. SOAR and SIEM: Friends or Foes
3.9.2. The Future of SOAR Systems

3.10. Other Network-Based Systems
3.10.1. WAF
3.10.2. NAC
3.10.3. HoneyPots and HoneyNets
3.10.4. CASB

Module 4. Smartphone *Security*

4.1. The World of Mobile Devices
4.1.1. Types of Mobile Platforms
4.1.2. IoS Devices
4.1.3. Android Devices

4.2. Mobile Security Management
4.2.1. OWASP Mobile Security Projects
4.2.1.1. Top 10 Vulnerabilities
4.2.2. Communications, Networks and Connection Modes

4.3. Mobile Devices in Business Environments
4.3.1. Risk
4.3.2. Security Policies
4.3.3. Device Monitoring
4.3.4. Mobile Device Management (MDM)

4.4. User Privacy and Data Security
4.4.1. Statements of Information
4.4.2. Data Protection and Confidentiality
4.4.2.1. Licences
4.4.2.2. Encryption
4.4.3. Secure Data Storage
4.4.3.1. Secure Storage on iOS
4.4.3.2. Secure Storage on Android
4.4.4. Best Practices in Application Development

4.5. Vulnerabilities and Attack Vectors
4.5.1. Vulnerabilities
4.5.2. Attack Vectors
4.5.2.1. *Malware*
4.5.2.2. Data Exfiltration
4.5.2.3. Data Manipulation

4.6. Main Threats
4.6.1. Unforced User
4.6.2. *Malware*
4.6.2.1. Types of Malware
4.6.3. Social Engineering
4.6.4. Data Leakage
4.6.5. Information Theft
4.6.6. Unsecured Wi-Fi Networks
4.6.7. Outdated Software
4.6.8. Malicious Applications
4.6.9. Insecure Passwords
4.6.10 Weak or No Security Configuration
4.6.11. Physical Access
4.6.12. Loss or Theft of the Device
4.6.13. Identity Theft (Integrity)
4.6.14. Weak or Broken Cryptography
4.6.15. Denial of Service (DoS)

4.7. Main Attacks
4.7.1. Phishing Attacks
4.7.2. Attacks Related to Communication Modes
4.7.3. Smishing Attacks
4.7.4. Criptojacking Attacks
4.7.5. *Man in The Middle*

4.8. Hacking
4.8.1. Rooting and Jailbreaking
4.8.2. Anatomy of a Mobile Attack
4.8.2.1. Threat Propagation
4.8.2.2. Malware Installation on Devices
4.8.2.3. Persistence
4.8.2.4. Payload Execution and Information Extraction
4.8.3. Hacking on iOS Devices: Mechanisms and Tools
4.8.4. Hacking Android Devices: Mechanisms and Tools

4.9. Penetration Testing
4.9.1. iOS PenTesting
4.9.2. Android PenTesting
4.9.3. Tools

4.10. Safety and Security
4.10.1. Security Configuration
4.10.1.1. On iOS Devices
4.10.1.2. On Android Devices
4.10.2. Safety Measures
4.10.3. Protection Tools

Module 5. IoT Security

5.1. Devices
5.1.1. Types of Devices
5.1.2. Standardized Architectures
  5.1.2.1. ONEM2M
  5.1.2.2. IoTWF
5.1.3. Application Protocols
5.1.4. Connectivity Technologies

5.2. IoT Devices. Areas of Application
5.2.1. *SmartHome*
5.2.2. *SmartCity*
5.2.3. Transportation
5.2.4. *Wearables*
5.2.5. Health Sector
5.2.6. IioT

5.3. Communication Protocols
5.3.1. MQTT
5.3.2. LWM2M.
5.3.3. OMA-DM
5.3.4. TR-069.

5.4. SmartHome
5.4.1. Home Automation
5.4.2. Networks
5.4.3. Household Appliances
5.4.4. Surveillance and Security

5.5. SmartCity
5.5.1. Lighting
5.5.2. Meteorology
5.5.3. Security

5.6. Transportation
5.6.1. Localization
5.6.2. Making Payments and Obtaining Services
5.6.3. Connectivity

5.7. Wearables
5.7.1. Smart Clothing
5.7.2. Smart Jewelry
5.7.3. Smart Watches

5.8. Health Sector
5.8.1. Exercise/Heart Rate Monitoring
5.8.2. Monitoring of Patients and Elderly People
5.8.3. Implantable
5.8.4. Surgical Robots

5.9. Connectivity
5.9.1. Wi-Fi/Gateway
5.9.2. Bluetooth
5.9.3. Built-in Connectivity

5.10. Securitization
5.10.1. Dedicated Networks
5.10.2. Password Managers
5.10.3. Use of Encrypted Protocols
5.10.4. Tips for Use

Module 6. *Ethical* Hacking

6.1. Work Environment
6.1.1. Linux Distributions
- 6.1.1.1. Kali Linux - Offensive Security
- 6.1.1.2. Parrot OS
- 6.1.1.3. Ubuntu

6.1.2. Virtualization Systems
6.1.3. Sandbox
6.1.4. Deployment of Laboratories

6.2. Methods
6.2.1. OSSTM
6.2.2. OWASP
6.2.3. NIST
6.2.4. PTES
6.2.5. ISSAF

6.3. Footprinting
6.3.1. Open-Source Intelligence (OSINT)
6.3.2. Search for Data Breaches and Vulnerabilities
6.3.3. Use of Passive Tools

6.4. Network Scanning
6.4.1. Scanning Tools
- 6.4.1.1. Nmap
- 6.4.1.2. Hping3.
- 6.4.1.3. Other Scanning Tools

6.4.2. Scanning Techniques
6.4.3. Firewall and IDS Evasion Techniques
6.4.4. Banner Grabbing
6.4.5. Network Diagrams

6.5. Enumeration
6.5.1. SMTP Enumeration
6.5.2. DNS Enumeration
6.5.3. NetBIOS and Samba Enumeration
6.5.4. LDAP Enumeration
6.5.5. SNMP Enumeration
6.5.6. Other Enumeration Techniques

6.6. Vulnerability Analysis
6.6.1. Vulnerability Scanning Solutions
- 6.6.1.1. Qualys
- 6.6.1.2. Nessus
- 6.6.1.3. CFI LanGuard

6.6.2. Vulnerability Scoring Systems
- 6.6.2.1. CVSS
- 6.6.2.2. CVE
- 6.6.2.3. NVD

6.7. Attacks on Wireless Networks
6.7.1. Methodology of Hacking in Wireless Networks
- 6.7.1.1. Wi-Fi Discovery
- 6.7.1.2. Traffic Analysis
- 6.7.1.3. Aircrack Attacks
  - 6.7.1.3.1. WEP Attacks
  - 6.7.1.3.2. WPA/WPA2 Attacks
- 6.7.1.4. Evil Twin Attacks
- 6.7.1.5. Attacks on WPS
- 6.7.1.6. Jamming

6.7.2. Tools for Wireless Security

6.8. Hacking of Web Servers
6.8.1. Cross Site Scripting
6.8.2. CSRF
6.8.3. Session Hijacking
6.8.4. SQLinjection

6.9. Exploiting Vulnerabilities
6.9.1. Use of Known Exploits
6.9.2. Use of Metasploit
6.9.3. Use of Malware
- 6.9.3.1. Definition and Scope
- 6.9.3.2. Malware Generation
- 6.9.3.3. Bypass of Antivirus Solutions

6.10. Persistence
6.10.1. Rootkits Installation
6.10.2. Use of Ncat
6.10.3. Use of Scheduled Tasks for Backdoors
6.10.4. User Creation
6.10.5. HIDS Detection

Module 7. Inverse Engineering

7.1. Compilers
7.1.1. Types of Codes
7.1.2. Phases of a Compiler
7.1.3. Table of Symbols
7.1.4. Error Manager
7.1.5. GCC Compiler

7.2. Types of Analysis in Compilers
7.2.1. Lexical Analysis
  7.2.1.1. Terminology
  7.2.1.2. Lexical Components
  7.2.1.3. LEX Lexical Analyzer
7.2.2. Parsing
  7.2.2.1. Context-free Grammars
  7.2.2.2. Types of Parsing
    7.2.2.2.1. Top-down Analysis
    7.2.2.2.2. Bottom-up Analysis
  7.2.2.3. Syntactic Trees and Derivations
  7.2.2.4. Types of Parsers
    7.2.2.4.1. LR (Left To Right) Analyzers
    7.2.2.4.2. LALR Analyzers
7.2.3. Semantic Analysis
  7.2.3.1. Attribute Grammars
  7.2.3.2. S-Attributed
  7.2.3.3. L-Attributed

7.3. Data Structures in Assembler
7.3.1. Variables
7.3.2. Arrays
7.3.3. Pointers
7.3.4. Structures
7.3.5. Objects

7.4. Assembler Code Structures
7.4.1. Selection Structures
  7.4.1.1. If, else if, Else
  7.4.1.2. Switch
7.4.2. Iteration Structures
  7.4.2.1. For
  7.4.2.2. While
  7.4.2.3. Use of Break
7.4.3. Functions

7.5. X86 Architecture Hardware
7.5.1. x86 Processor Architecture
7.5.2. x86 Data Structures
7.5.3. x86 Code Structures

7.6. ARM Hardware Architecture
7.6.1. ARM Processor Architecture
7.6.2. ARM Data Structures
7.6.3. ARM Code Structures

7.7. Static Code Analysis
7.7.1. Disassemblers
7.7.2. IDA
7.7.3. Code Rebuilders

7.8. Dynamic Code Analysis
7.8.1. Behavioral Analysis
  7.8.1.1. Communications
  7.8.1.2. Monitoring
7.8.2. Linux Code Debuggers
7.8.3. Windows Code Debuggers

7.9. Sandbox
7.9.1. Sandbox Architecture
7.9.2. Sandbox Evasion
7.9.3. Detection Techniques
7.9.4. Avoidance Techniques
7.9.5. Countermeasures
7.9.6. Sandbox in Linux
7.9.7. Sandbox in Windows
7.9.8. Sandbox in MacOS
7.9.9. Sandbox in android

7.10. Malware Analysis
7.10.1. Malware Analysis Methods
7.10.2. Malware Obfuscation Techniques
  7.10.2.1. Executable Obfuscation
  7.10.2.2. Restriction of Execution Environments
7.10.3. Malware Analysis Tools

Module 8. Secure Development

8.1. Secure Development
8.1.1. Quality, Functionality and Safety
8.1.2. Confidentiality, Integrity and Availability
8.1.3. Software Development Life Cycle

8.2. Requirements Phase
8.2.1. Authentication Control
8.2.2. Role and Privilege Control
8.2.3. Risk-oriented Requirements
8.2.4. Privilege Approval

8.3. Analysis and Design Phases
8.3.1. Component Access and System Administration
8.3.2. Audit Trails
8.3.3. Session Management
8.3.4. Historical data
8.3.5. Proper Error Handling
8.3.6. Separation of Functions

8.4. Implementation and Coding Phase
8.4.1. Ensuring the Development Environment
8.4.2. Preparation of Technical Documentation
8.4.3. Secure Codification
8.4.4. Communications Security

8.5. Good Secure Coding Practices
8.5.1. Input Data Validation
8.5.2. Coding of Output Data
8.5.3. Programming Style
8.5.4. Change Log Management
8.5.5. Cryptographic Practices
8.5.6. Error and Log Management
8.5.7. File Management
8.5.8. Memory Management
8.5.9. Standardization and Reuse of Security Functions

8.6. Server Preparation and Hardening
8.6.1. Management of Users, Groups and Roles on the Server
8.6.2. Software Installation
8.6.3. Server Hardening
8.6.4. Robust Configuration of the Application Environment

8.7. DB Preparation and Hardening
8.7.1. DB Engine Optimization
8.7.2. Create Your Own User for the Application
8.7.3. Assigning the Required Privileges to the User
8.7.4. Hardening of the BBDD

8.8. Testing Phase
8.8.1. Quality Control in Security Controls
8.8.2. Phased Code Inspection
8.8.3. Checking Configuration Management
8.8.4. Black Box Testing

8.9. Preparation of the Production Step
8.9.1. Perform Change Control
8.9.2. Carry out Production Changeover Procedure
8.9.3. Perform Rollback Procedure
8.9.4. Pre-production Testing

8.10. Maintenance Phase
8.10.1. Risk-based Assurance
8.10.2. White Box Security Maintenance Testing
8.10.3. Black box Safety Maintenance Tests

Module 9. Forensic Analysis

9.1. Data Acquisition and Duplication
9.1.1. Volatile Data Acquisition
  9.1.1.1. System Information
  9.1.1.2. Network Information
  9.1.1.3. Volatility Order
9.1.2. Static Data Acquisition
  9.1.2.1. Creating a Duplicate Image
  9.1.2.2. Preparation of a Chain of Custody Document
9.1.3. Methods for Validation of Acquired Data
  9.1.3.1. Methods for Linux
  9.1.3.2. Methods for Windows

9.2. Evaluation and Defeat of Anti-Forensic Techniques
9.2.1. Objectives of Anti-Forensic Techniques
9.2.2. Data Deletion
  9.2.2.1. Deletion of Data and Files
  9.2.2.2. File Recovery
  9.2.2.3. Recovery of Deleted Partitions
9.2.3. Password Protection
9.2.4. Steganography
9.2.5. Secure Device Wiping
9.2.6. Encryption

9.3. Operating System Forensics
9.3.1. Windows Forensics
9.3.2. Linux Forensics
9.3.3. Mac Forensics

9.4. Network Forensics
9.4.1. Logs Analysis
9.4.2. Data Correlation
9.4.3. Network Research
9.4.4. Steps to Follow in Network Forensic Analysis

9.5. Web Forensics
9.5.1. Investigation of Web Attacks
9.5.2. Attack Detection
9.5.3. IP Address Location

9.6. Forensic Database Analysis
9.6.1. Forensic Analysis in MSSQL
9.6.2. MySQL Forensic Analysis
9.6.3. PostgreSQL Forensic Analysis
9.6.4. Forensic Analysis in MongoDB

9.7. Cloud Forensic Analysis
9.7.1. Types of Crimes in the Cloud
  9.7.1.1. Cloud as Subject
  9.7.1.2. Cloud as an Object
  9.7.1.3. Cloud as a Tool
9.7.2. Challenges of *Cloud* Forensics
9.7.3. Researching Storage Services on the *Cloud*
9.7.4. Forensic Analysis Tools for *Cloud*

9.8. Investigation of Email Crimes
9.8.1. Mailing Systems
  9.8.1.1. Mail Clients
  9.8.1.2. Mail Server
  9.8.1.3. SMTP Server
  9.8.1.4. POP3 Server
  9.8.1.5. IMAP4 Server
9.8.2. Mailing Crimes
9.8.3. Mail Message
  9.8.3.1. Standard Headers
  9.8.3.2. Extended Headers
9.8.4. Steps for the Investigation of these Crimes
9.8.5. E-Mail Forensic Tools

9.9. Mobile Forensic Analysis
9.9.1. Cellular Networks
  9.9.1.1. Types of Networks
  9.9.1.2. CDR Contents
9.9.2. Subscriber Identity Module (SIM)
9.9.3. Logical Acquisition
9.9.4. Physical Acquisition
9.9.5. File System Acquisition

9.10. Forensic Report Writing and Reporting
9.10.1. Important Aspects of a Forensic Report
9.10.2. Classification and Types of Reports
9.10.3. Guide to Writing a Report
9.10.4. Presentation of the Report
  9.10.4.1. Prior Preparation for Testifying
  9.10.4.2. Deposition
  9.10.4.3. Dealing with the Media

Module 10. Current and Future Challenges in Information Security

10.1. Blockchain Technology
10.1.1. Scope of Application
10.1.2. Confidentiality Guarantee
10.1.3. Non-Repudiation Guarantee

10.2. Digital Money
10.2.1. Bitcoins
10.2.2. Cryptocurrencies
10.2.3. Cryptocurrency Mining
10.2.4. Pyramid Schemes
10.2.5. Other Potential Crimes and Problems

10.3. Deepfake
10.3.1. Media Impact
10.3.2. Dangers to Society
10.3.3. Detection Mechanisms

10.4. The Future of Artificial Intelligence
10.4.1. Artificial Intelligence and Cognitive Computing
10.4.2. Uses to Simplify Customer Service

10.5. Digital Privacy
10.5.1. Value of Data in the Network
10.5.2. Use of Data in the Network
10.5.3. Privacy and Digital Identity Management

10.6. Cyberconflicts, Cybercriminals and Cyberattacks
10.6.1. The Impact of Cybersecurity on International Conflicts
10.6.2. Consequences of Cyber-attacks on the General Population.
10.6.3. Types of Cybercriminals. Protective Measures

10.7. Telework
10.7.1. Remote Work Revolution during and post COVID-19
10.7.2. Access Bottlenecks
10.7.3. Variation of the Attacking Surface
10.7.4. Workers' Needs

10.8. Emerging Wireless Technologies
10.8.1. WPA3
10.8.2. 5G
10.8.3. Millimeter Waves
10.8.4. Trend in Get Smart instead of Get more

10.9. Future Addressing in Networks
10.9.1. Current Problems with IP Addressing
10.9.2. IPv6
10.9.3. IPv4+
10.9.4. Advantages of IPv4+ Over IPv4
10.9.5. Advantages of IPv6 Over IPv4

10.10. The Challenge of Raising Awareness of Early and Continuing Education in the Population
10.10.1. Current Government Strategies
10.10.2. Resistance of the Population to Learning
10.10.3. Training Plans to be Adopted by Companies

Module 11. Leadership, Ethics and Social Responsibility in Companies

11.1. Globalization and Governance
11.1.1. Governance and Corporate Governance
11.1.2. The Fundamentals of Corporate Governance in Companies
11.1.3. The Role of the Board of Directors in the Corporate Governance Framework

11.2. Leadership
11.2.1. Leadership A Conceptual Approach
11.2.2. Leadership in Companies
11.2.3. The Importance of Leaders in Business Management

11.3. Cross Cultural Management
11.3.1. Cross Cultural Management Concept
11.3.2. Contributions to Knowledge of National Cultures
11.3.3. Diversity Management

11.4. Management and Leadership Development
11.4.1. Concept of Management Development
11.4.2. Concept of Leadership
11.4.3. Leadership Theories
11.4.4. Leadership Styles
11.4.5. Intelligence in Leadership
11.4.6. The Challenges of Today's Leader

11.5. Business Ethics
11.5.1. Ethics and Morality
11.5.2. Business Ethics
11.5.3. Leadership and Ethics in Companies

11.6. Sustainability
11.6.1. Sustainability and Sustainable Development
11.6.2. The 2030 Agenda
11.6.3. Sustainable Companies

11.7. Corporate Social Responsibility
11.7.1. International Dimensions of Corporate Social Responsibility
11.7.2. Implementing Corporate Social Responsibility
11.7.3. The Impact and Measurement of Corporate Social Responsibility

1.8. Responsible Management Systems and Tools
10.8.1. CSR: Corporate Social Responsibility
11.8.2. Essential Aspects for Implementing a Responsible Management Strategy
11.8.3. Steps for the Implementation of a Corporate Social Responsibility Management System
11.8.4. CSR Tools and Standards

11.9. Multinationals and Human Rights
11.9.1. Globalization, Multinational Companies and Human Rights
11.9.2. Multinational Companies vs. International Law
11.9.3. Legal Instruments for Multinationals in the Area of Human Rights

11.10. Legal Environment and Corporate Governance
11.10.1. International Rules on Importation and Exportation
11.10.2. Intellectual and Industrial Property
11.10.3. International Labor Law

Module 12. People and Talent Management

12.1. Strategic People Management
12.1.1. Strategic Human Resources Management
12.1.2. Strategic People Management

12.2. Human Resources Management by Competencies
12.2.1. Analysis of the Potential
12.2.2. Remuneration Policy
12.2.3. Career/Succession Planning

12.3. Performance Evaluation and Compliance Management
12.3.1. Performance Management
12.3.2. Performance Management: Objectives and Process

12.4. Innovation in Talent and People Management
12.4.1. Strategic Talent Management Models
12.4.2. Identification, Training and Development of Talent
12.4.3. Loyalty and Retention
12.4.4. Proactivity and Innovation

12.5. Motivation
12.5.1. The Nature of Motivation
12.5.2. Expectations Theory
12.5.3. Needs Theory
12.5.4. Motivation and Financial Compensation

12.6. Developing High Performance Teams
12.6.1. High-Performance Teams: Self-Managed Teams
12.6.2. Methodologies for the Management of High Performance Self-Managed Teams

12.7. Change Management
12.7.1. Change Management
12.7.2. Type of Change Management Processes
12.7.3. Stages or Phases in the Change Management Process

12.8. Negotiation and Conflict Management
12.8.1. Negotiation
12.8.2. Conflict Management
12.8.3. Crisis Management

12.9. Executive Communication
12.9.1. Internal and External Communication in the Corporate Environment
12.9.2. Communication Departments
12.9.3. The Person in Charge of Communication of the Company The Profile of the Dircom

12.10. Productivity, Atraction, Retention and Talent Activation
12.10.1. Productivity
12.10.2. Talent Attraction and Retention Levers

Módulo 13. Economic and Financial Management

13.1. Economic Environment
13.1.1. Macroeconomic Environment and the National Financial System
13.1.2. Financial Institutions
13.1.3. Financial Markets
13.1.4. Financial Assets
13.1.5. Other Financial Sector Entities

13.2. Executive Accounting
13.2.1. Basic Concepts
13.2.2. The Company's Assets
13.2.3. The Company's Liabilities
13.2.4. The Company's Net Worth
13.2.5. The Income Statement

13.3. Information Systems and Business Intelligence
13.3.1. Fundamentals and Classification
13.3.2. Cost Allocation Phases and Methods
13.3.3. Choice of Cost Center and Impact

13.4. Budget and Management Control
13.4.1. The Budget Model
13.4.2. The Capital Budget
13.4.3. The Operating Budget
13.4.5. Treasury Budget
13.4.6. Budget Monitoring

13.5. Financial Management
13.5.1. The Company's Financial Decisions
13.5.2. Financial Department
13.5.3. Cash Surpluses
13.5.4. Risks Associated with Financial Management
13.5.5. Financial Administration Risk Management

13.6. Financial Planning
13.6.1. Definition of Financial Planning
13.6.2. Actions to be Taken in Financial Planning
13.6.3. Creation and Establishment of the Business Strategy
13.6.4. The Cash Flow Table
13.6.5. The Working Capital Table

13.7. Corporate Financial Strategy
13.7.1. Corporate Strategy and Sources of Financing
13.7.2. Financial Products for Corporate Financing

13.8. Strategic Financing
13.8.1. Self-Financing
13.8.2. Increase in Equity
13.8.3. Hybrid Resources
13.8.4. Financing Through Intermediaries

13.9. Financial Analysis and Planning
13.9.1. Analysis of the Balance Sheet
13.9.2. Analysis of the Income Statement
13.9.3. Profitability Analysis

13.10. Analyzing and Solving Cases/ Problems
13.10.1. Financial Information on Industria de Diseño y Textil, S.A. (INDITEX)

Module 14. Commercial and Strategic Marketing Management

14.1. Commercial Management
14.1.1. Conceptual Framework of Commercial Management
14.1.2. Business Strategy and Planning
14.1.3. The Role of Sales Managers

14.2. Marketing
14.2.1. The Concept of Marketing
14.2.2. Basic Elements of Marketing
14.2.3. Marketing Activities of the Company

14.3. Strategic Marketing Management
14.3.1. The Concept of Strategic Marketing
14.3.2. Concept of Strategic Marketing Planning
14.3.3. Stages in the Process of Strategic Marketing Planning

14.4. Digital Marketing and e-Commerce
14.4.1. Digital Marketing and E-commerce Objectives
14.4.2. Digital Marketing and Media Used
14.4.3. E-Commerce General Context
14.4.4. Categories of E-commerce
14.4.5. Advantages and Disadvantages of E-commerce Versus Traditional Commerce

14.5. Digital Marketing to Reinforce a Brand
14.5.1. Online Strategies to Improve Your Brand's Reputation
14.5.2. *Branded Content and Storytelling*

14.6. Digital Marketing to Attract and Customer Loyalty
14.6.1. Loyalty and Engagement Strategies Through the Internet
14.6.2. Visitor Relationship Management
14.6.3. Hypersegmentation

14.7. Managing Digital Campaigns
14.7.1. What is a Digital Advertising Campaign?
14.7.2. Steps to Launch an Online Marketing Campaign
14.7.3. Mistakes in Digital Advertising Campaigns

14.8. Sales Strategy
14.8.1. Sales Strategy
14.8.2. Sales Methods

14.9. Corporate Communication
14.9.1. Concept
14.9.2. The Importance of Communication in the Organization
14.9.3. Type of Communication in the Organization
14.9.4. Functions of Communication in the Organization
14.9.5. Elements of Communication
14.9.6. Communication Problems
14.9.7. Communication Scenarios

14.10. Digital Communication and Reputation
14.10.1. Online Reputation
14.10.2. How to Measure Digital Reputation?
14.10.3. Online Reputation Tools
14.10.4. Online Reputation Report
14.10.5. Online Branding

Module 15. *Executive* Management

15.1. General Management
15.1.1. The Concept of General Management
15.1.2. The Role of the CEO
15.1.3. The CEO and their Responsibilities
15.1.4. Transforming the Work of Management

15.2. Manager Functions: Organizational Culture and Approaches
15.2.1. Manager Functions: Organizational Culture and Approaches

15.3. Operations Management
15.3.1. The Importance of Management
15.3.2. Value Chain
15.3.3. Quality Management

15.4. Public Speaking and Spokesperson Education
15.4.1. Interpersonal Communication
15.4.2. Communication Skills and Influence
15.4.3. Communication Barriers

15.5. Personal and Organizational Communications Tools
15.5.1. Interpersonal Communication
15.5.2. Interpersonal Communication Tools
15.5.3. Communication in the Organization
15.5.4. Tools in the Organization

15.6. Communication in Crisis Situations
15.6.1. Crisis
15.6.2. Phases of the Crisis
15.6.3. Messages: Contents and Moments

15.7. Preparation of a Crisis Plan
15.7.1. Analysis of Possible Problems
15.7.2. Planning
15.7.3. Adequacy of Personnel

15.8. Emotional Intelligence
15.8.1. Emotional Intelligence and Communication
15.8.2. Assertiveness, Empathy, and Active Listening
15.8.3. Self-Esteem and Emotional Communication

15.9. Personal Branding
15.9.1. Strategies to Develop Personal Branding
15.9.2. Personal Branding Laws
15.9.3. Tools for Creating Personal Brands

15.10. Leadership and Team Management
15.10.1. Leadership and Leadership Styles
15.10.2. Leader Capabilities and Challenges
15.10.3. Managing Change Processes
15.10.4. Managing Multicultural Teams

This program will open doors to a new professional world"

07

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

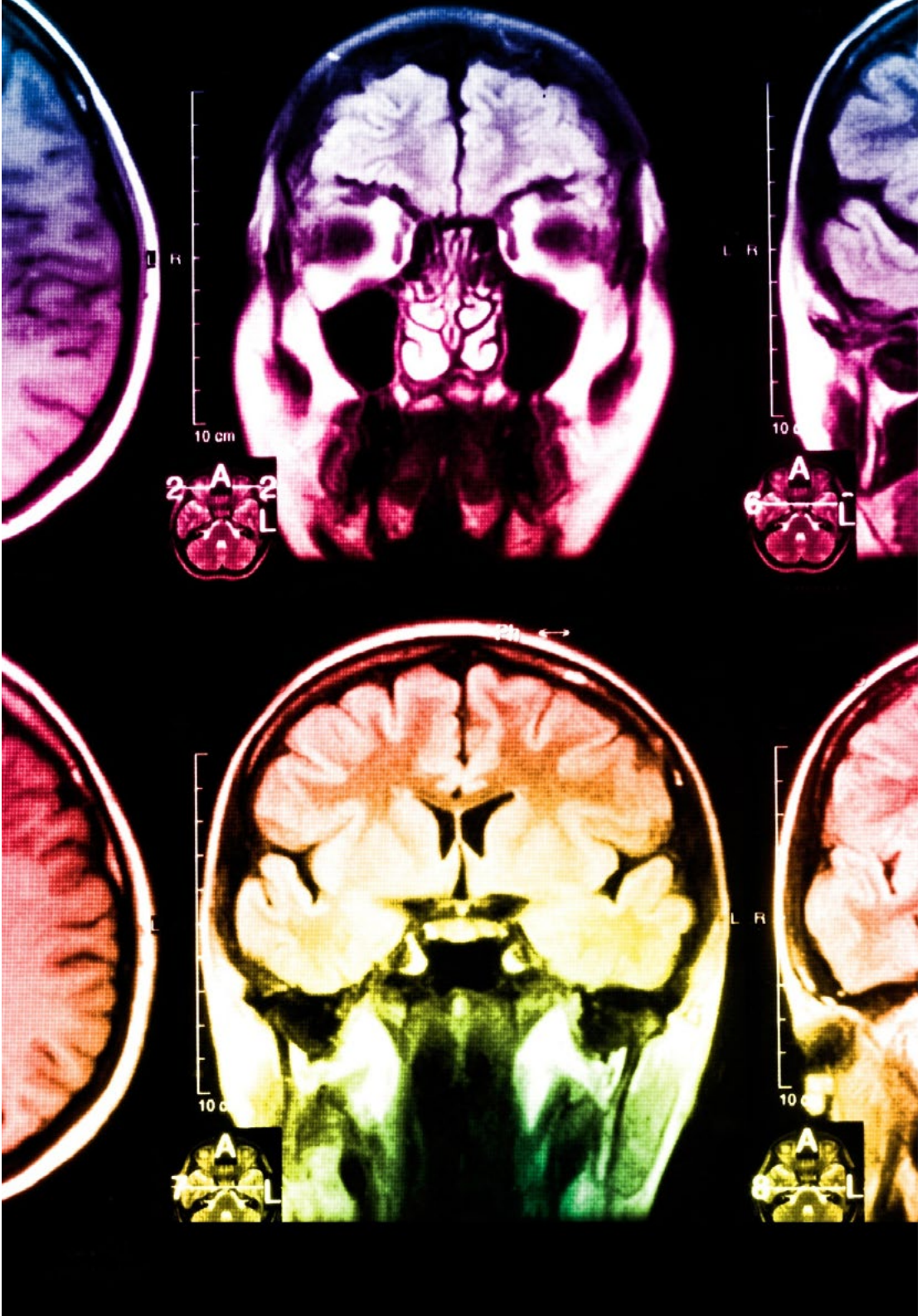
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

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.

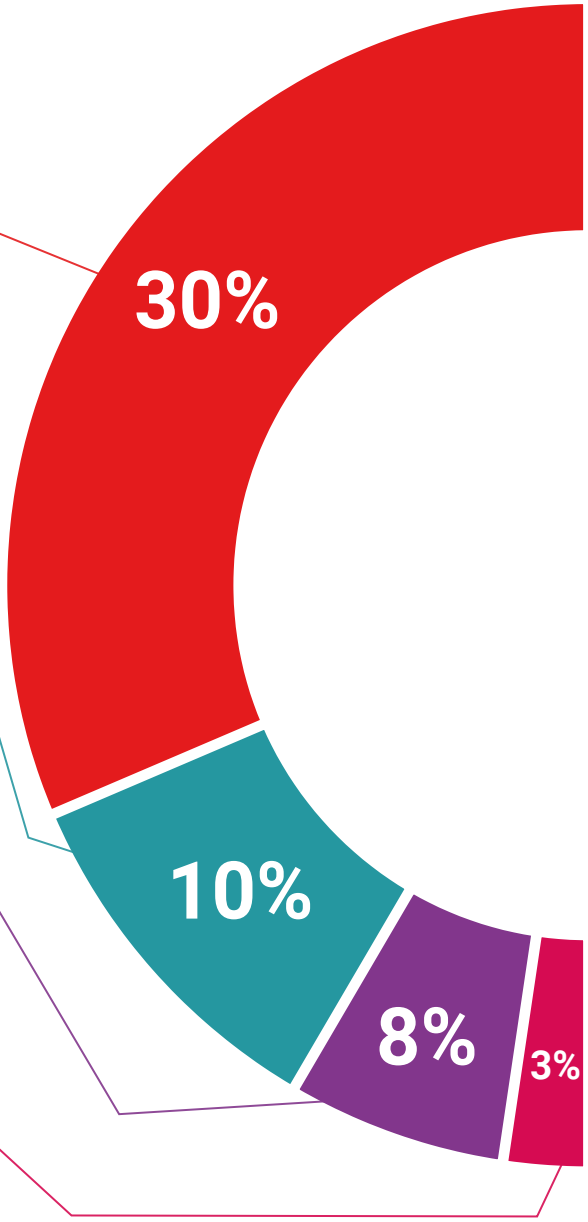
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

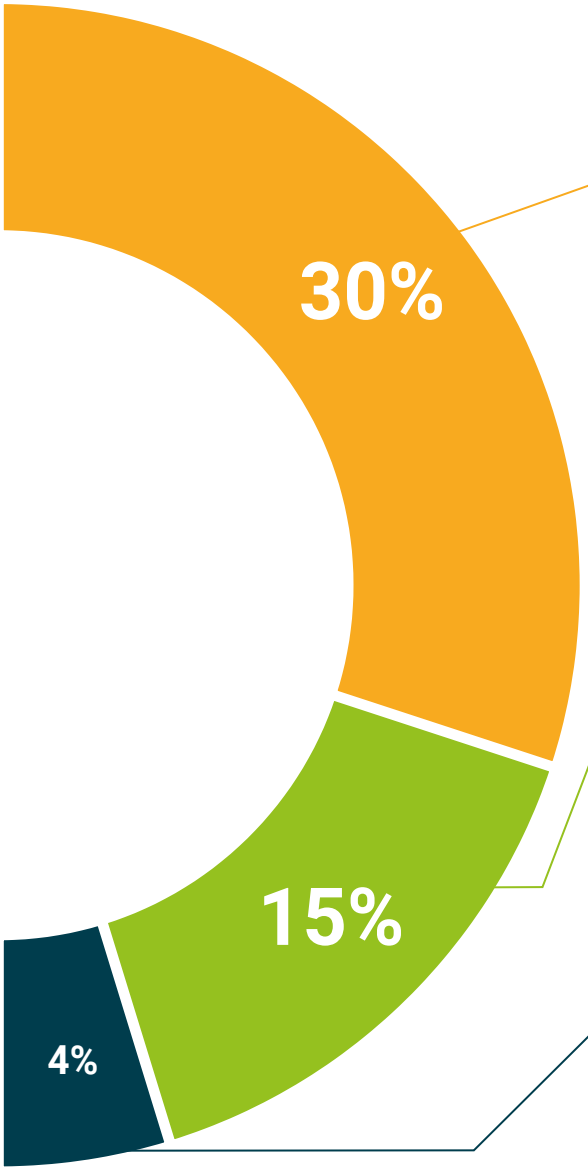
Management Skills Exercises

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.

08

Our Students' Profiles

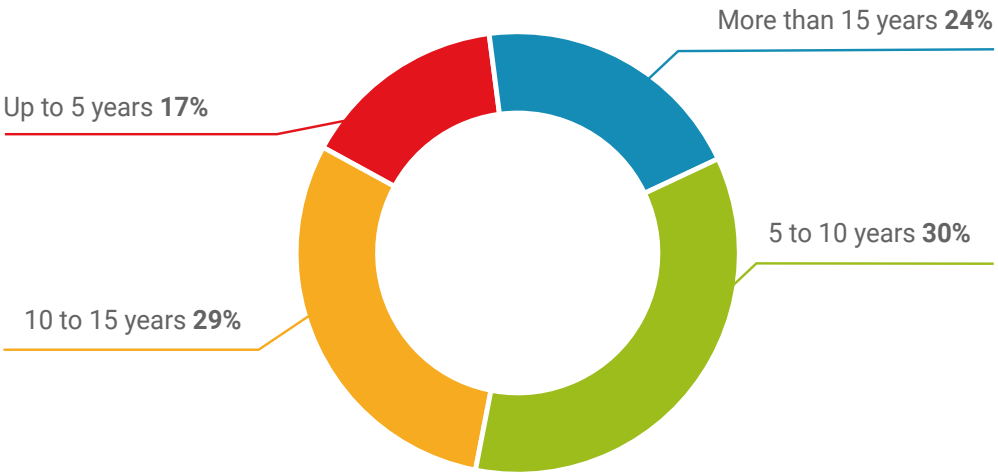
The Executive Master's Degree in MBA in Cybersecurity Management (CISO, Chief Information Security Officer) is a program aimed at professionals who wish to improve their specialization through quality education. Students who want to broaden their knowledge in another business-related field such as IT, but more specifically, IT security. A program aimed at professionals with experience, but who believe in higher specialization as a way of improving on a personal and professional level.

TECH students are professionals with extensive experience who are looking for a better job"

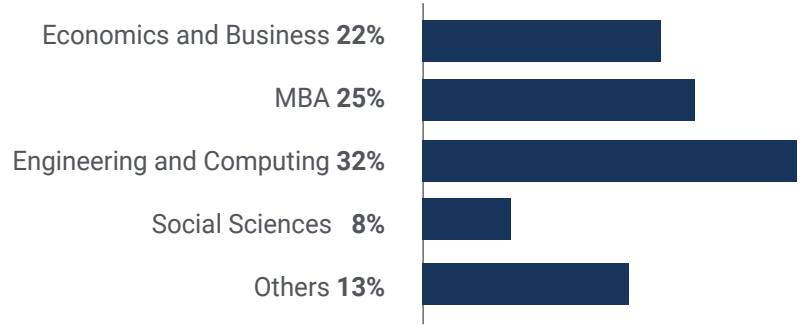
Average Age

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

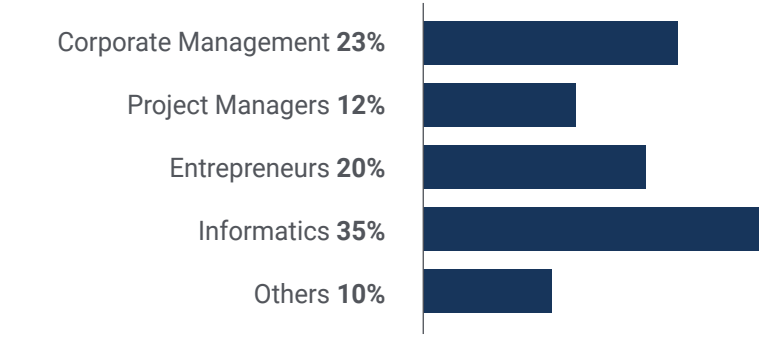
Years of Experience



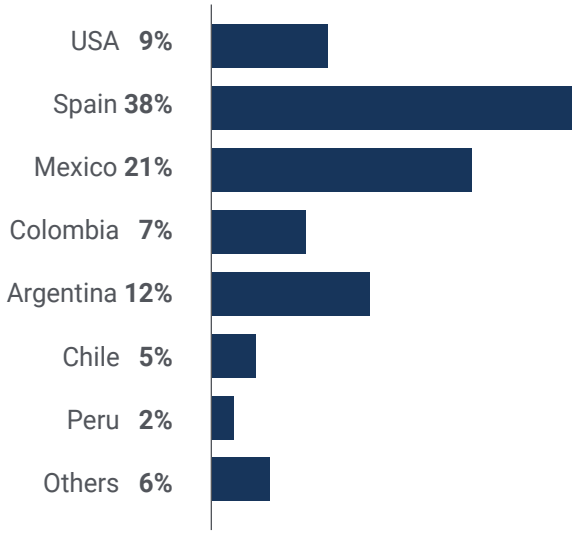
Training



Educational Profile



Geographical Distribution



Jaime Díaz

Chief Revenue Officer

"In the business environment I work in, we handle a large amount of confidential information and data that, in the wrong hands, could generate lead to serious problems for the company. For this reason, I had been thinking for some time about expanding my knowledge in cybersecurity, with the aim of learning how to safeguard all the processes that are susceptible to cyber-attacks. Thanks to this TECH program, I managed to improve my training and work more confidently"

09

Course Management

The professors of this MBA in Cybersecurity Management (CISO, Chief Information Security Officer) are professionals with extensive experience in the sector, both professionally and educationally. Their specialization in this field allows them to have the necessary qualifications to offer students a complete and high quality study on subjects that will be useful in their daily work in the business environment. Undoubtedly, people who believe in higher education as a method to advance in their profession and improve the competitiveness of their business.

An experienced teaching staff to help you specialize in cybersecurity"

International Guest Director

Dr. Frederic Lemieux is internationally recognized as an innovative expert and inspirational leader in the fields of **Inteligence, National Security, Homeland Security, Cybersecurity and Disruptive Technologies**. His constant dedication and relevant contributions in Research and Education position him as a key figure in the promotion of security and the understanding of today's emerging technologies . During his professional career, he has conceptualized and directed cutting-edge academic programs in several renowned institutions, such as the University of Montreal, George Washington University and Georgetown University.

Throughout his extensive background, he has published multiple books of great relevance, all of them related to criminal intelligence, policing, cyber threats and international security. He has also made a significant contribution to the field of Cybersecurity with the publication of numerous articles in academic journals,
examining crime control during major disasters, counter-terrorism, intelligence agencies, and police cooperation. In addition, he has been a panelist and keynote speaker at various national and international conferences, establishing himself as a reference in the academic and professional arena.

Dr. Lemieux has held editorial and evaluative roles in various academic, private and governmental organizations, reflecting his influence and commitment to excellence in his field of expertise. In this way, his prestigious academic career has led him to serve as **Professor of Practice and Faculty Director of the MPS and Faculty Director of the MPS programs in Applied Intelligence, Cybersecurity Risk Management, Technology Management and Information Technology Management at Georgetown University.**

Dr. Lemieux, Frederic

- Director of the Master's Degree in Cybersecurity Risk Management at Georgetown, Washington, U.S.A.
- Director of the Master's Degree in Technology Management at Georgetown University
- Director of the Master's Degree in Applied Intelligence at Georgetown University
- Professor of Internships at Georgetown University
- PhD in Criminology from the School of Criminology at the University of Montreal
- B.A. in Sociology and Minor Degree in Psychology from Laval University
- Member of New Program Roundtable Committee, Georgetown University

Thanks to TECH you will be able to learn with the best professionals in the world"

International Guest Director

With over 20 years of experience in designing and leading global **talent acquisition teams,** Jennifer Dove is an expert in **technology recruitment and strategy.** Throughout her career, she has held senior positions in several technology organizations within Fortune 50 companies such as NBC Universal and Comcast. Her track record has allowed her to excel in competitive, high-growth environments.

As **Vice President of Talent Acquisition at Mastercard** she is responsible for overseeing talent onboarding strategy and execution, collaborating with business leaders and **HR Managers** to meet operational and strategic hiring objectives. In particular, she aims to **build diverse, inclusive and high-perfoming teams** that drive innovation and growth of the company's products and services. In addition, she is adept at using tools to attract and retain the best people from around the world. She is also responsible for **amplifying Mastercard's employer brand** and value proposition through publications, events and social media.

Jennifer Dove has demonstrated her commitment to continuous professional development by actively participating in networks of HR professionals and contributing to the onboarding of numerous employees at different companies. After earning her bachelor's degree in **Organizational Communication** from the University of Miami, she is now a graduate of the University of Miami.

On the other hand, it has been recognized for its ability to lead organizational transformations, **integrate technologies into recruitment processes** and develop leadership programs that prepare institutions for future challenges. She has also successfully implemented **wellness programs** that have significantly increased employee satisfaction and retention.

Ms. Dove, Jennifer

- Vice President of Talent Acquisition at Mastercard, New York, United States
- Director of Talent Acquisition at NBCUniversal Media, New York, USA
- Head of Recruitment at Comcast
- Director of Recruiting at Rite Hire Advisory, New York, USA
- Executive Vice President of the Sales Division at Ardor NY Real Estate
- Director of Recruitment at Valerie August & Associates
- Account Executive at BNC
- Account Executive at Vault
- Graduated in Organizational Communication from the University of Miami

TECH counts with a distinguished and specialized group of International Guest Directors, with important leadership roles in the most cutting-edge companies in the global market"

International Guest Director

A technology leader with decades of experience in **major technology multinationals,** Rick Gauthier has developed prominently in the field of clouds services and end-to-end process improvement. He has been recognized as a leader and manager of highly efficient teams, showing a natural talent for ensuring a high level of engagement among his employees.

He possesses innate gifts in strategy and executive innovation, developing new ideas and backing his success with quality data. His background at **Amazon h**as allowed him to manage and integrate the company's IT services in the United States. At **Microsoft** he has led a team of 104 people, responsible for providing corporate-wide IT infrastructure and supporting product engineering departments across the company.

This experience has allowed him to stand out as a high-impact manager with remarkable abilities to increase efficiency, productivity and overall customer satisfaction.

D. Gauthier, Rick

- Regional IT Director at Amazon, Seattle, USA
- Senior Program Manager at Amazon
- Vice President of Wimmer Solutions
- Senior Director of Productive Engineering Services at Microsoft
- Degree in Cybersecurity from Western Governors University
- Technical Certificate in Commercial Diving from Divers Institute of Technology
- B.S. in Environmental Studies from The Evergreen State College

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

International Guest Director

Romi Arman is a renowned international expert with more than two decades of experience in **Digital Transformation, Marketing, Strategy** and **Consulting.** Through that extended trajectory, he has taken different risks and is a permanent advocate for **innovation** and **change** in the business environment. With that expertise, he has collaborated with CEOs and corporate organizations from all over the world, pushing them to move away from traditional business models. In this way, he has helped companies such as Shell Energy become **true market leaders,** focused on their **customers** and the **digital world.**

The strategies designed by Arman have a latent impact, as they have enabled several corporations **to improve the experiences of consumers, staff** and **shareholders** alike. The success of this expert is quantifiable through tangible metrics such as **CSAT, employee engagement** in the institutions where he has practiced and the growth of the **EBITDA financial indicator** in each of them.

Also, in his professional career, he has nurtured and **led high-performance teams** that have even received awards for their **transformational potential.** With Shell, specifically, the executive has always set out to overcome three challenges: meeting **customers' complex decarbonization demands supporting** a **"cost-effective decarbonization"** and **overhauling** a fragmented **data, digital and technology landscape.** Thus, his efforts have shown that in order to achieve sustainable success, it is essential to start from the needs of consumers and lay the foundations for the transformation of processes, data, technology and culture.

In addition, the executive stands out for his mastery of the **business applications** of **Artificial Intelligence,** a subject in which he holds a postgraduate degree from the London Business School. At the same time, he has accumulated experience in **IoT** and **Salesforce.**

Mr. Arman, Romi

- Digital Transformation Director (CDO) at Shell Energy Corporation, London, UK
- Global Director of E-Commerce and Customer Service at Shell Energy Corporation
- National Key Account Manager (OEM and automotive retailers) for Shell in Kuala Lumpur, Malaysia
- Senior Management Consultant (Financial Services Sector) for Accenture based in Singapore
- Graduate of the University of Leeds
- Graduate Diploma in Business Applications of AI for Senior Executives from London Business School
- CCXP Customer Experience Professional Certification
- IMD Executive Digital Transformation Course

Do you want to update your knowledge with the highest educational quality? TECH offers you the most updated content in the academic market, designed by authentic experts of international prestige"

International Guest Director

Manuel Arens is an **experienced data management professional** and leader of a highly qualified team. In fact, Arens holds the position of **global purchasing manager** in Google's Technical Infrastructure and Data Center division, where he has spent most of his professional career. Based in Mountain View, California, he has provided solutions for the tech giant's operational challenges, such as master **data integrity, vendor data updates** and **vendor prioritization.** He has led data center supply chain planning and vendor risk assessment, generating improvements in vendor risk assessment, resulting in process improvements and workflow management that have resulted in significant cost savings.

With more than a decade of work providing digital solutions and leadership for companies in diverse industries, he has extensive experience in all aspects of strategic solution delivery, including **marketing, media analytics, measurement and attribution.** In fact, he has received a number of accolades for his work, including the **BIM Leadership Award**, the **Search Leadership Award**, the **Lead Generation Export Program Award** and the **Export Lead Generation Program Award and the EMEA Best Sales Model Award.**

Arens also served as Sales Manager in Dublin, Ireland. In this role, he built a team of 4 to 14 members over three years and led the sales team to achieve results and collaborate well with each other and cross-functional teams. He also served as **Senior Industry Analyst,** Hamburg, Germany, creating storylines for over 150 clients using internal and third-party tools to support analysis. He developed and wrote in-depth reports to demonstrate his mastery of the subject matter, including understanding the **macroeconomic and political/regulatory factors affecting technology adoption and diffusion.**

He has also led teams at companies such as Eaton, Airbus and Siemens, where he gained valuable account management and supply chain experience. He is particularly noted for continually exceeding expectations by **building valuable customer relationships** and **working seamlessly with people at all levels of an organization,** including stakeholders, management, team members and customers. His data-driven approach and ability to develop innovative and scalable solutions to industry challenges have made him a prominent leader in his field.

Mr. Arens, Manuel

- Global Procurement Manager at Google, Mountain View, USA
- Senior Manager, B2B Analytics and Technology, Google, USA
- Sales Director - Google, Ireland
- Senior Industry Analyst at Google, Germany
- Accounts Manager - Google, Ireland
- Accounts Payable at Eaton, UK
- Supply Chain Manager at Airbus, Germany

Bet on TECH! You will have access to the best didactic materials, at the forefront of technology and education, implemented by internationally renowned specialists in the field"

International Guest Director

Andrea La Sala is an **experienced Marketing executive** whose projects have had a **significant impact on the Fashion environment**. Throughout his successful career he has developed different tasks related to **Products, Merchandising** and **Communication**. All of this linked to with prestigious brands such as **Giorgio Armani, Dolce&Gabbana, Calvin Klein,** among others.

The results of this **high-profile international executive** have been linked to his proven ability to **synthesize information** in clear frameworks and execute **concrete actions** aligned to **specific business objectives**. In addition, he is recognized for his **proactivity** and **adaptability to fast-paced** work rhythms. To all this, this expert adds a **strong commercial awareness, market vision** and a **genuine passion** for **products**.

As **Global Brand and Merchandising Director** at **Giorgio Armani,** he has overseen a variety of **Marketing strategies** for **apparel** and **accesories**. His tactics have also focused on the **retail environment** and **consumer needs** and **behavior**. In this La Sala has also been responsible for shaping the commercialization of products in different markets, acting as **team leader** in the **Design, Communication** and **Sales departments.**

On the other hand, in companies such as **Calvin Klein** or **Gruppo Coin,** he has undertaken projects to boost the **structure,** and **development** of **different collections**. He has been in charge of creating **effective calendars** for buying and selling **campaings.** He has also been in charge of the **terms, costs, processes** and **delivery times** of different operations.

These experiences have made Andrea La Sala one of the main and most qualified **corporate leaders** in **Fashion** and **Luxury**. A high managerial capacity with which he has managed to effectively **implement the positive positioning** of **different brands** and redefine their key performance indicators (KPIs).

Ms. La Sala, Andrea

- Global Brand & Merchandising Director Armani Exchange at Giorgio Armani, Milan, Italy
- Merchandising Director at Calvin Klein
- Brand Manager at Gruppo Coin
- Brand Manager at Dolce&Gabbana
- Brand Manager at Sergio Tacchini S.p.A.
- Market Analyst at Fastweb
- Graduate of Business and Economics at Università degli Studi del Piemonte Orientale

The most qualified and experienced professionals at international level are waiting for you at TECH to offer you a first class teaching, updated and based on the latest scientific evidence. What are you waiting for to enroll?"

International Guest Director

Mick Gram is synonymous with innovation and excellence in the field of **Business Intelligence internationally.** His successful career is linked to leadership positions in multinationals such as **Walmart** and **Red Bull.** Likewise, this expert stands out for his vision to **identify emerging technologies** that, in the long term, achieve an everlasting impact in the corporate environment.

On the other hand, the executive is considered a **pioneer in the use of data visualization techniques** that simplified complex sets, making them accessible and facilitating decision making. This ability became the pillar of his professional profile, transforming him into a desired asset for many organizations that bet on **gathering information** and **generating concrete actions** from them.

One of his most outstanding projects in recent years has been the **Walmart Data Cafe platform,** the largest of its kind in the world that is anchored in the cloud aimed at **Big Dataanalysis.** In addition, he has held the position of **Director of Business Intelligence at Red Bull,** covering areas such as **Sales, Distribution, Marketing and Supply Chain Operations.** His team was recently recognized for its constant innovation regarding the use of Walmart Luminate's new API for Shopper and Channel insights.

As for his training, the executive has several Masters and postgraduate studies at prestigious centers such as the **University of Berkeley,** in the United States, and the **University of Copenhagen,** in Denmark. Through this continuous updating, the expert has attained cutting-edge competencies. Thus, he has come to be considered a **born leader of the new global economy,** centered on the drive for data and its infinite possibilities.

Mr. Gram, Mick

- Director of Business Intelligence and Analytics at Red Bull, Los Angeles, United States
- Business Intelligence Solutions Architect for Walmart Data Cafe
- Independent Business Intelligence and Data Science Consultant
- Director of Business Intelligence at Capgemini
- Senior Analyst at Nordea
- Senior Business Intelligence Consultant at SAS
- Executive Education in AI and Machine Learning at UC Berkeley College of Engineering
- Executive MBA in e-commerce at the University of Copenhagen
- B.Sc. and M.Sc. in Mathematics and Statistics at the University of Copenhagen

Study at the best online university in the world according to Forbes! In this MBA you will have access to an extensive library of multimedia resources, developed by internationally renowned professors"

International Guest Director

Scott Stevenson is a distinguished expert in the **Digital Marketing** sector who, for more than 19 years, has been linked to one of the most powerful companies in the entertainment industry, **Warner Bros. Discovery.** In this role, he has played a fundamental role in **overseeing logistics** and **creative workflows** across various digital platforms, including social media, search, display and linear media.

This executive's leadership has been crucial in driving in production **strategies** in **paid media,** resulting in a **marked improvement** which has resulted in **company's conversion** rates. At the same time, he has assumed other roles, such as Director of Marketing Services and Traffic Manager at the same multinational during his former management.

Stevenson has also been involved in the global distribution of video games and **digital property campaigns.** He was also responsible for introducing operational strategies related to the formation, completion and delivery of sound and image content for **television commercials and trailers.**

In addition, he holds a Bachelor's degree in Telecommunications from the University of Florida and a Master's Degree in Creative Writing from the University of California, which demonstrates his proficiency in **communication** and **storytelling.** In addition, he has participated at Harvard University's School of Professional Development in cutting-edge programs on the use of **Artificial Intelligence** in **business.** Therefore, his professional profile stands as one of the most relevant in the current field of **Marketing** and **Digital Media.**

Mr. Stevenson, Scott

- Director of Digital Marketing at Warner Bros. Discovery, Burbank, United States
- Traffic Manager at Warner Bros. Entertainment.
- M.A. in Creative Writing from the University of California
- B.S. in Telecommunications from the University of Florida

Achieve your academic and career goals with the best qualified experts in the world! The faculty of this MBA will guide you through the entire learning process"

International Guest Director

Eric Nyquist, Ph.D., is a leading **international sports professional** who has built an impressive career, noted for his **strategic leadership** and ability to drive change and **innovation** in **world-class** sports organizations.

In fact, he has held senior roles such as **Director of Communications and Impact** at **NASCAR**, based in **Florida, USA.** With many years of experience behind him at NASCAR, Dr. Nyquist has also held several leadership positions, including **Senior Vice President of Strategic Development** and **General Manager of Business Affairs,** managing more than a dozen disciplines ranging from **strategic development** to **entertainment marketing.**

Nyquist has also made a significant mark on Chicago's top sports franchises. As **Executive Vice President** of the **Chicago Bulls** and **Chicago White Sox** franchises, he has demonstrated his ability to drive **business** and **strategic success** in the world of **professional sports.**.

Finally, it is worth noting that he began his career in sports while working in **New York** as a **senior strategic analyst** for **Roger Goodell** in the **National Football League (NFL)** and, prior to that, as a **Legal Intern** with the **United States Football Federation.**

Mr. Nyquist, Eric

- Director of Communications and Impact at NASCAR, Florida, USA
- Senior Vice President of Strategic Development at NASCAR, Florida, United States
- Vice President of Strategic Planning at NASCAR
- Senior Director of Business Affairs at NASCAR
- Executive Vice President at Chicago White Sox Franchises
- Executive Vice President at Chicago Bulls Franchises
- Manager of Business Planning at the National Football League (NFL)
- Business Affairs/Legal Intern with the United States Soccer Federation
- Juris Doctor from the University of Chicago
- Master's Degree in Business Administration-MBA from the University of Chicago Booth School of Business
- B.A. in International Economics from Carleton College

Thanks to this university program, 100% online, you will be able to combine your studies with your daily obligations, under the guidance of the leading international experts in the field of your interest. Enroll now!"

Management

Ms. Fernández Sapena, Sonia

- 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 Techonologies. E-Council

Professors

Mr. Catalá Barba, José Francisco

- Electronic Technician Expert in Cybersecurity
- Developer of Applications for Mobile Devices
- Electronic Technician in Intermediate Command at the Ministry of Defense of Spain
- Electronics Technician at Ford Factory in Valencia

Mr. Jiménez Ramos, Álvaro

- Cybersecurity Analyst
- Senior Security Analyst at The Workshop
- Cybersecurity Analyst L1 at Axians
- Cybersecurity Analyst L2 at Axians
- Cybersecurity analyst at SACYR S.A.
- Degree in Telematics Engineering from the Polytechnic University of Madrid
- Professional Master's Degree in Cybersecurity and Ethical Hacking by CICE
- Advanced Course in Cybersecurity by Deusto Training

Ms. Marcos Sbarbaro, Victoria Alicia

- Native Android Mobile Applications Developer at B60. UK.
- Analyst Programmer for the Management, Coordination and Documentation of the Virtualized Environment of Security Alarms
- Analyst Programmer of Java Applications for Automatic Teller Machines (ATM)
- Software Development Professional for Signature Validation and Document Management Application
- Systems Technician for Equipment Migration and for Management, Maintenance and Training of PDA Mobile Devices
- Technical Engineer in Computer Systems from the Open University of Catalonia (UOC)
- Master's Degree in Computer Security and Ethical Hacking Official EC- Council and CompTIA by the Professional School of New Technologies CICE

Mr. Peralta Alonso, Jon

- Senior Data Protection and Cybersecurity Consultant at Altia
- Lawyer/Legal Advisor at Arriaga Asociados Asesoramiento Jurídico y Económico S.L.
- Legal Advisor/Intern at a professional law firm: Óscar Padura
- Law Degree from the Public University of the Basque Country
- Master's Degree in Data Protection Delegate by EIS Innovative School
- Master's Degree in Law from the Public University of the Basque Country
- Specialist Master's Degree in Civil Litigation Practice from the International University Isabel I of Castilla
- Professor in Master's Degree in Personal Data Protection, Cybersecurity and ICT Law

Mr. Redondo, Jesús Serrano

- Web Developer and Cybersecurity Technician
- Web Developer at Roams, Palencia
- FrontEnd Developer at Telefónica, Madrid
- FrontEnd Developer at Best Pro Consulting SL, Madrid
- Telecommunications Equipment and Services Installer at Grupo Zener, Castilla y León
- Installer of Telecommunications Equipment and Services at Lican Comunicaciones SL, Castilla y León
- Certificate in Computer Security by CFTIC Getafe, Madrid
- Senior Technician in Telecommunications and Computer Systems at IES Trinidad Arroyo, Palencia
- Higher Technician in MV and LV Electrotechnical Installations by IES Trinidad Arroyo, Palencia
- Training in Reverse Engineering, Stenography and Encryption by Academia Hacker Incibe

TECH has carefully selected the faculty for this program so that you can learn from today's top specialists"

10

Impact on Your Career

The completion of this MBA in Cybersecurity Management (CISO, Chief Information Security Officer) will be an added value to your professional business qualifications, by offering all the knowledge that, although it may seem totally alien to daily work, can be very useful to control computer processes that may harbor harmful external elements that can affect the entire organization. For this reason, higher specialization in this field proves essential, both at a personal and professional level for students, but also for the companies where they work.

TECH puts all of its academic resources at the disposal of its students so they acquire the necessary skills that will lead them to success"

The completion of this MBA will allow students to acquire the necessary competitiveness to make a radical change in their careers.

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

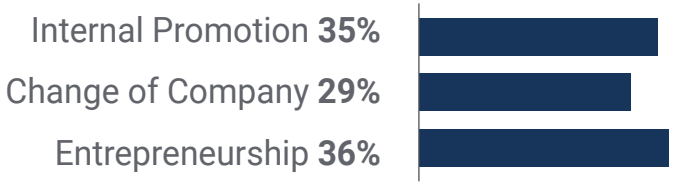
The MBA in Cybersecurity Management (CISO, Chief Information Security Officer) of TECH is an intensive and highly valuable program aimed at improving students' professional skills in an area of extensive competition. Undoubtedly, it is a unique opportunity to improve professionally, but also personally, as it involves effort and dedication.

Those who wish to improve themselves, achieve a positive change at a professional level and interact with the best will find their place at TECH.

A program of high academic standing to lead your career to success.

Time of Change

Type of change



Salary increase

This program represents a salary increase of more than **25.22%** for our students.

11

Benefits for Your Company

The MBA in Cybersecurity Management (CISO, Chief Information Security Officer) contributes to elevate the organization's talent to its maximum potential through the specialization of high-level leaders. That way, business professionals will be able to bring added value to their company by having the necessary skills to control Cybersecurity processes. A program that adapts to students so they acquire the necessary tools that, later on, they will be able to apply in their daily practice, achieving great benefits for their company.

A must-have program for business professionals who want to monitor and manage potential cybersecurity"

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

01

Growth of talent and intellectual capital

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.

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 come into contact with the main markets in the world economy.

05

Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

06

Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

12

Certificate

The MBA in Cybersecurity Management (CISO, Chief Information Security Officer) guarantees, in addition to the most rigorous and up-to-date education, access to an Executive Master's Degree issued by TECH Technological University.

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

This **MBA in Cybersecurity Management (CISO, Chief Information Security Officer)** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Executive Master's Degree** issued by **TECH Technological University** by tracked delivery.

The diploma issued by **TECH Technological University** will express the qualification obtained in the Executive Master's Degree and meets the requirements commonly demanded by job exchanges, competitive examinations and professional career evaluation committees.

Title: **Executive Master's Degree in MBA in Cybersecurity Management (CISO, Chief Information Security Officer)**

Modality: **online**

Duration: **12 months**


tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having successfully passed and accredited the following program

EXECUTIVE MASTER'S DEGREE

in

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)

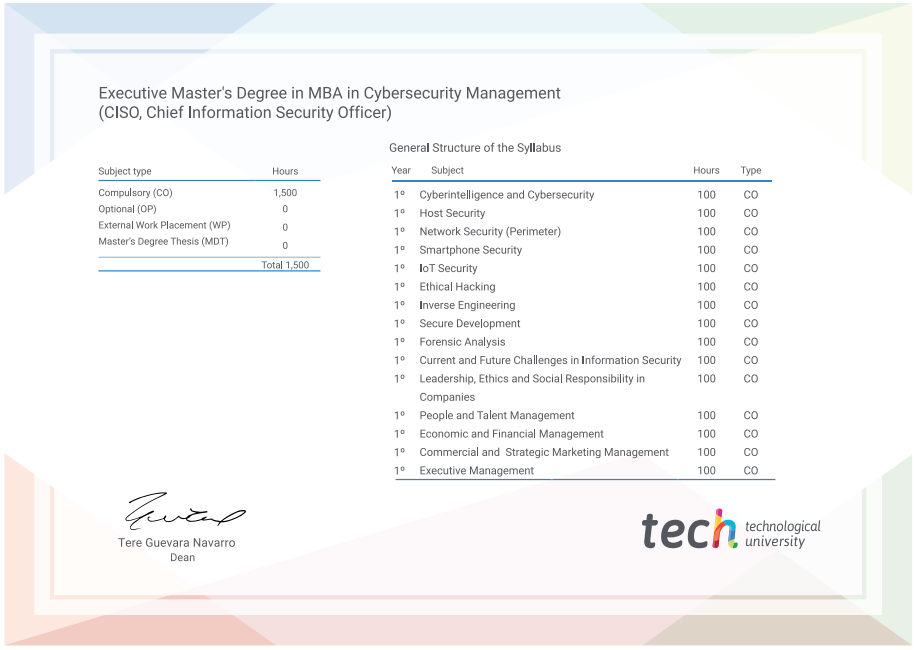
This is a qualification awarded by this University, equivalent to 1,500 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S techtitute.com/certificates


Executive Master's Degree in MBA in Cybersecurity Management
(CISO, Chief Information Security Officer)

Subject type	Hours
Compulsory (CO)	1,500
Optional (OP)	0
External Work Placement (WP)	0
Master's Degree Thesis (MDT)	0
	Total 1,500

General Structure of the Syllabus

Year	Subject	Hours	Type
1º	Cyberintelligence and Cybersecurity	100	CO
1º	Host Security	100	CO
1º	Network Security (Perimeter)	100	CO
1º	Smartphone Security	100	CO
1º	IoT Security	100	CO
1º	Ethical Hacking	100	CO
1º	Inverse Engineering	100	CO
1º	Secure Development	100	CO
1º	Forensic Analysis	100	CO
1º	Current and Future Challenges in Information Security	100	CO
1º	Leadership, Ethics and Social Responsibility in Companies	100	CO
1º	People and Talent Management	100	CO
1º	Economic and Financial Management	100	CO
1º	Commercial and Strategic Marketing Management	100	CO
1º	Executive Management	100	CO

Tere Guevara Navarro
Dean

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

tech technological university

Executive Master's Degree

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)

- Modality: **online**
- Duration: **12 months**
- Certificate: **TECH Technological University**
- Accreditation: **90 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Executive Master's Degree

MBA in Cybersecurity Management (CISO, Chief Information Security Officer)

tech technological university