Postgraduate Diploma
Offensive Cybersecurity

tech *technological university*

Postgraduate Diploma
Offensive Cybersecurity

» Modality: **online**
» Duration: **6 months**
» Certificate: **TECH Technological University**
» Dedication: **16h/week**
» Schedule: **at your own pace**
» Exams: **online**
» Aimed at: **University Graduates, Graduates and Undergraduates who have previously completed any of the degrees in the fields of Social and Legal Sciences, Administrative and Business Sciences.**

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01
Welcome

Nowadays, companies prioritize the protection of their digital assets with the purpose of avoiding leaks from their competitors, managing to keep the most sensitive information of the company shielded while keeping its social reputation intact. Accordingly, this academic program will provide the professionals with a broad content of the highest level to develop specialized skills related to ethical and legal practices in the execution of attacks and tests on Windows systems, considering the ethical principles of cybersecurity. All this, by means of a 100% online pedagogical modality and with a didactic material that will grant the best academic experience, being this, more effective and dynamic at educational level.

Postgraduate Diploma in Offensive Cybersecurity
TECH Technological University

This academic program offers you an exclusive content on offensive cybersecurity in only 6 months of continuous learning"

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.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:

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"

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.

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.

Objectives

This university program will provide the graduates with the most innovative updates regarding the differences between offensive and defensive *hacking* within the IT area. In this way, TECH will provide students with diverse audiovisual tools and technical skills related to the elaboration of detailed reports documenting the findings and methodologies used. At the end of this program, the professionals will have broadened their skills in *Active Directory Certificate Services* attacks and defenses.

> "*The goal of TECH is you: give your career the boost it needs and become an expert in the Offensive Cybersecurity sector. Enroll now!*"

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

This **Postgraduate Diploma in Offensive Cybersecurity** qualifies students to:

01 Study and understand the tactics, techniques and procedures used by malicious actors, enabling the identification and simulation of threats
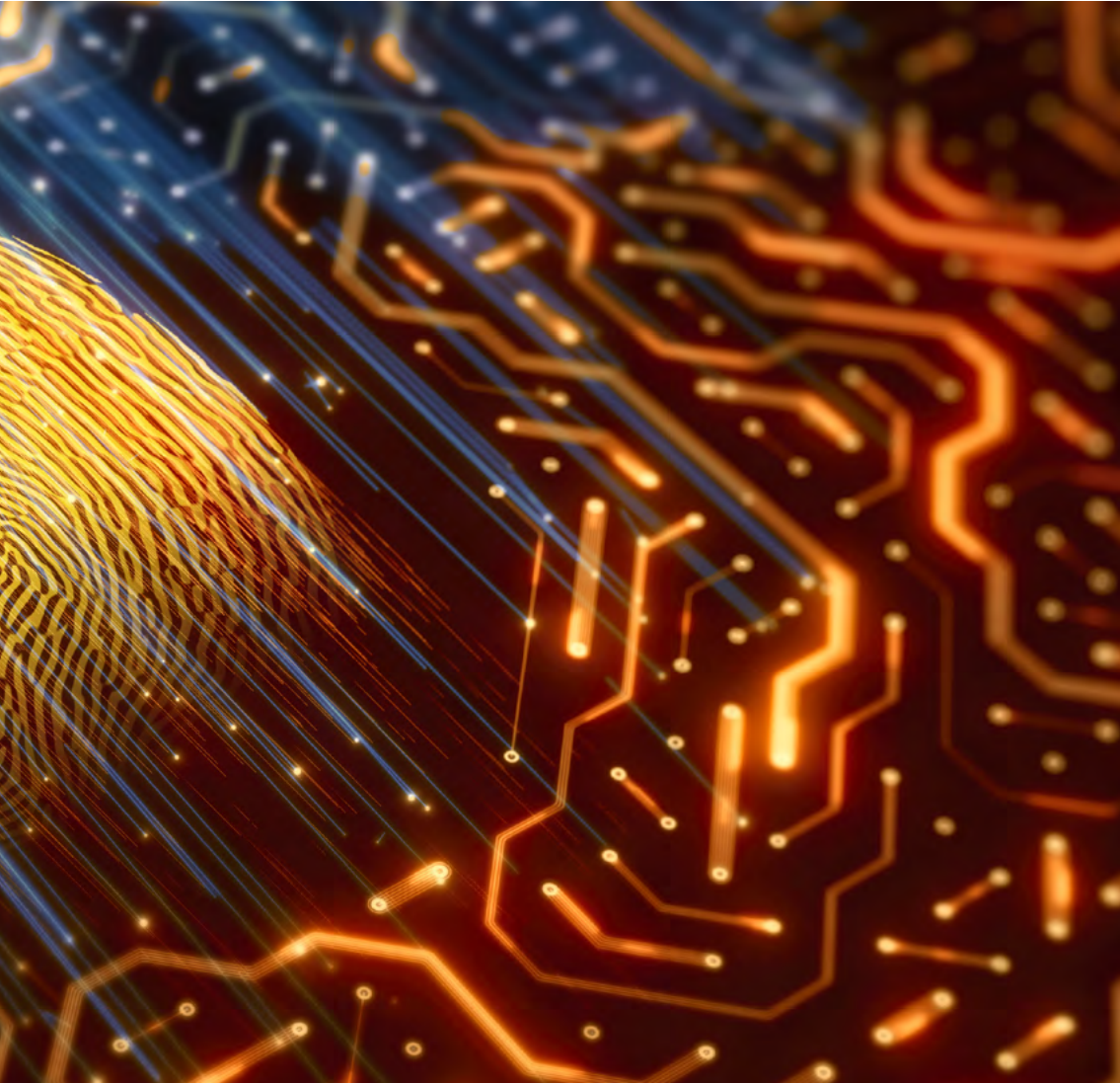
02 Apply theoretical knowledge in practical scenarios and simulations, facing real challenges to strengthen Pentesting skills

03 Learn how to efficiently allocate resources within a cybersecurity team, considering individual skills and maximizing productivity on projects

04 Improve communication skills specificto technical environments, facilitating understanding and coordination among team members

05 Learn project monitoring and control techniques, identifying deviations and taking corrective actions as necessary

06 Develop competencies to evaluate and improve security configurations in Windows systems, ensuring the implementation of effective measures

07 Promote ethical and legal practices in the execution of attacks and tests on Windows systems, considering the ethical principles of cybersecurity

08 Familiarize the graduate with the evaluation of security in APIs and web services, identifying possible points of vulnerability and strengthening security in programming interfaces

09 Foster effective collaboration with security teams, integrating strategies and efforts to protect network infrastructure

10 Promote ethical and legal practices in malware analysis and development, ensuring integrity and accountability in all activities

11 Apply theoretical knowledge in simulated environments, participate in hands-on exercises to understand and counter malicious attacks

12 Acquire a solid understanding of the fundamental principles of digital forensic investigation (DFIR) and their application in the resolution of cyber incidents

13 Learn to prepare detailed reports documenting findings, methodologies used and recommendations derived from advanced Red Team exercises

14 Develop skills to formulate actionable and practical recommendations aimed at mitigating vulnerabilities and improving security posture

15 Familiarize the learner with best practices for executive reporting, adapting technical information for non-technical audiences

Structure and Content

The program in Offensive Cybersecurity is a qualification that is primarily focused on specific skills with a horizon towards roles and responsibilities in Offensive Security. Therefore, this academic itinerary is guided from a theoretical-practical pillar together with the solid experience and the wide background of a teaching staff totally expert in the sector.

" *Expert syllabus and quality content are the key to the success of your Offensive Cybersecurity learning"*

Syllabus

This academic program consists of 450 classroom hours, in which TECH will put the professionals on the path to the top of their careers through an education that emphasizes excellence and efficiency. In this way, the graduates will be able to apply to the most important vacancies in the IT and business sector, addressing multiple challenges in the workplace. Therefore, this program provides a wide range of skills related to OSINT applications in offensive security.

In this way, the faculty has designed a prestigious syllabus that incorporates 3 modules, with the purpose that the graduates acquire relevant knowledge about the importance of cybersecurity today, its opportunities and challenges in the sector.

On the other hand, students of this Postgraduate Diploma will delve into specific concepts related to common vulnerabilities in ADCS, attacks and exploitation techniques, defenses and mitigations, monitoring and auditing of ADCS. Graduates will also gain important skills related to cybersecurity in the modern era.

TECH prioritizes convenience and excellence, and that is why this program offers a complete and high quality education, while providing flexibility to pursue it. Graduates only need a device with an Internet connection to easily access the virtual platform, 24 hours a day and from anywhere in the world.

This Postgraduate Diploma takes place over 6 months and is divided into 3 modules:

Module 1	Offensive Security
Module 2	Network and Windows System Attacks
Module 3	Malware Analysis and Development

Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Diploma in Offensive Cybersecurity completely online. Throughout the 6 months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

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

Module 1. Offensive Security

1.1. Definition and Context
1.1.1. Fundamental Concepts of Offensive Security
1.1.2. Importance of Cybersecurity Today
1.1.3. Offensive Security Challenges and Opportunities

1.2. Basis of Cybersecurity
1.2.1. Early Challenges and Evolving Threats
1.2.2. Technological Milestones and Their Impact on Cybersecurity
1.2.3. Cybersecurity in the Modern Era

1.3. Basis of Offensive Security
1.3.1. Key Concepts and Terminology
1.3.2. Think Outside the Box
1.3.3. Differences between Offensive and Defensive Hacking

1.4. Offensive Security Methodologies
1.4.1. PTES (Penetration Testing Execution Standard)
1.4.2. OWASP (Open Web Application Security Project)
1.4.3. Cyber Security Kill Chain

1.5. Offensive Security Roles and Responsibilities
1.5.1. Main Profiles
1.5.2. Bug Bounty Hunters
1.5.3. The art of researching

1.6. Offensive Auditor's Arsenal
1.6.1. Operating Systems for Hacking
1.6.2. Introduction to C2
1.6.3. Metasploit: Fundamentals and Use
1.6.4. Useful Resources

1.7. OSINT Open Source Intelligence
1.7.1. OSINT Fundamentals
1.7.2. OSINT Tools and Techniques
1.7.3. OSINT Applications in Offensive Security

1.8. Scripting Introduction to Automation
1.8.1. Scripting Fundamentals
1.8.2. Scripting in Bash
1.8.3. Scripting in Python

1.9. Vulnerability Categorization
1.9.1. CVE (Common Vulnerabilities and Exposure)
1.9.2. CWE (Common Weakness Enumeration)
1.9.3. CAPEC (Common Attack Pattern Enumeration and Classification)
1.9.4. CVSS (Common Vulnerability Scoring System)
1.9.5. MITRE ATT & CK

1.10. Ethics and Hacking
1.10.1. Principles of Hacker Ethics
1.10.2. The Line between Ethical Hacking and Malicious Hacking
1.10.3. Legal Implications and Consequences
1.10.4. Case Studies: Ethical Situations in Cybersecurity

Module 2. Network and Windows System Attacks

2.1. Windows and Active Directory
2.1.1. History and Evolution of Windows
2.1.2. Active Directory Basics
2.1.3. Active Directory Functions and Services
2.1.4. General Architecture of the Active Directory

2.2. Networking in Active Directory Environments
2.2.1. Network Protocols in Windows
2.2.2. DNS and its Operation in the Active Directory
2.2.3. Network Diagnostic Tools
2.2.4. Implementation of Networks in Active Directory

2.3. Authentication and Authorization in Active Directory
2.3.1. Authentication Process and Flow
2.3.2. Credential Types
2.3.3. Credentials Storage and Management.
2.3.4. Authentication Security

2.4. Permissions and Policies in Active Directory
2.4.1. GPOs
2.4.2. Application and Management of GPOs
2.4.3. Active Directory Permissions Management
2.4.4. Vulnerabilities and Mitigations in Permits

2.5. Kerberos Basics
2.5.1. What Is Kerberos?
2.5.2. Components and Operation
2.5.3. Kerberos Tickets
2.5.4. Kerberos in the Context of Active Directory

2.6. Advanced Kerberos Techniques
2.6.1. Common Kerberos Attacks
2.6.2. Mitigations and Protections
2.6.3. Kerberos Traffic Monitoring
2.6.4. Advanced Kerberos Attacks

2.7. Active Directory Certificate Services (ADCS)
2.7.1. PKI Basics
2.7.2. ADCS Roles and Components
2.7.3. ADCS Configuration and Deployment
2.7.4. Safety at ADCS

2.8. Attacks and Defenses in Active Directory Certificate Services (ADCS)
2.8.1. Common ADCS Vulnerabilities
2.8.2. Attacks and Exploitation Techniques
2.8.3. Defenses and Mitigations
2.8.4. ADCS Monitoring and Auditing

2.9. Active Directory Audit
2.9.1. Importance of Auditing in the Active Directory
2.9.2. Audit Tools
2.9.3. Detection of Anomalies and Suspicious Behaviors
2.9.4. Incident Response and Recovery

2.10. Azure AD
2.10.1. Azure AD Basics
2.10.2. Synchronization with Local Active Directory
2.10.3. Identity Management in Azure AD
2.10.4. Integration with Applications and Services

Module 3. Malware Analysis and Development

3.1. Malware Analysis and Development
3.1.1. History and Evolution of Malware
3.1.2. Classification and Types of Malware
3.1.3. Malware Analysis
3.1.4. Malware Development

3.2. Preparing the Environment
3.2.1. Configuration of Virtual Machines and Snapshots
3.2.2. Malware Analysis Tools
3.2.3. Malware Development Tools

3.3. Windows Basics
3.3.1. PE file format (Portable Executable)
3.3.2. Processes and Threads
3.3.3. Files System and Registry
3.3.4. Windows Defender

3.4. Basic Malware Techniques
3.4.1. Shellcode Generation
3.4.2. Shellcode Execution on Disk
3.4.3. Disk vs Memory
3.4.4. Execution of Shellcode in Memory

3.5. Intermediate Malware Techniques
3.5.1. Persistence in Windows
3.5.2. Home Folder
3.5.3. Registration Keys
3.5.4. Screensaver

3.6. Advanced Malware Techniques
3.6.1. Shellcode Encryption (XOR)
3.6.2. Shellcode Encryption (RSA)
3.6.3. String Obfuscation
3.6.4. Process Injection

3.7. Static Malware Analysis
3.7.1. Analyzing Packers with DIE (Detect It Easy)
3.7.2. Analyzing Sections with PE-Bear
3.7.3. Decompilation with Ghidra

3.8. Dynamic Malware Analysis
3.8.1. Observing Behavior with Process Hacker
3.8.2. Analyzing Calls with API Monitor
3.8.3. Analyzing Registry Changes with Regshot
3.8.4. Observing Network Requests with TCPView

3.9. Analysis in .NET
3.9.1. Introduction to .NET
3.9.2. Decompiling with dnSpy
3.9.3. Debugging with dnSpy

3.10. Analyzing Real Malware
3.10.1. Preparing the Environment
3.10.2. Static Malware Analysis
3.10.3. Dynamic Malware Analysis
3.10.4. YARA Rule Creation

06
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.

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.

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

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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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

30%

10%

8%

3%

30%

15%

4%
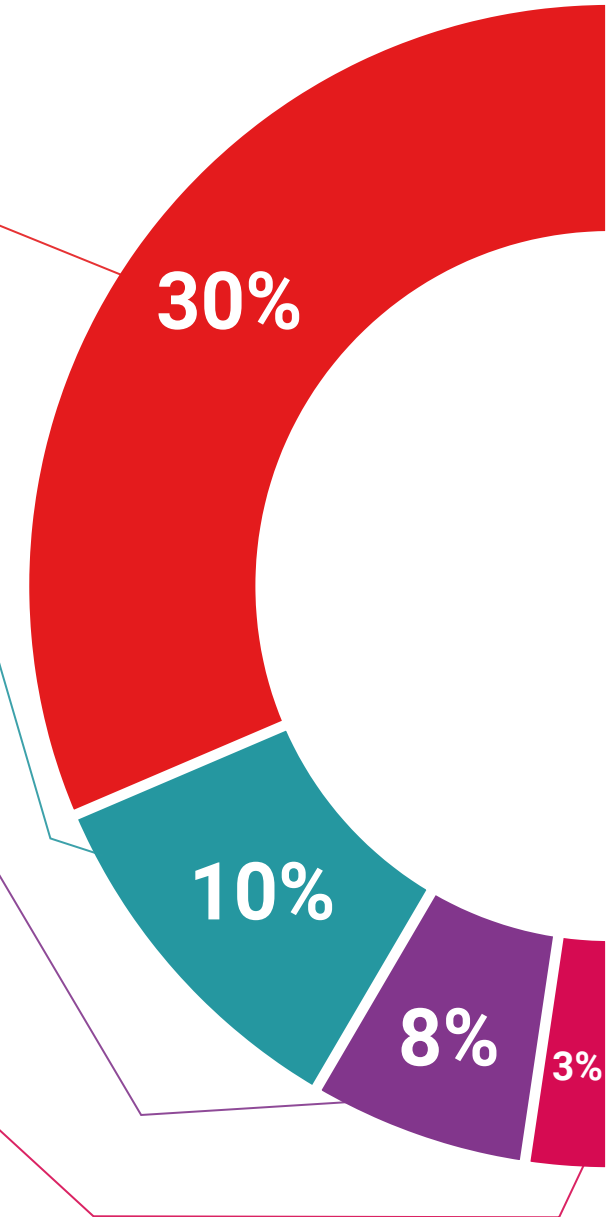
Case Studies

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.

07

Our Students' Profiles

The program is aimed at university graduates and postgraduates who have previously completed any of the following qualifications in the fields of Social and Legal Sciences, Administration and Economics.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The program is also open to professionals who, being university graduates in any area, have two years of work experience in the IT field.
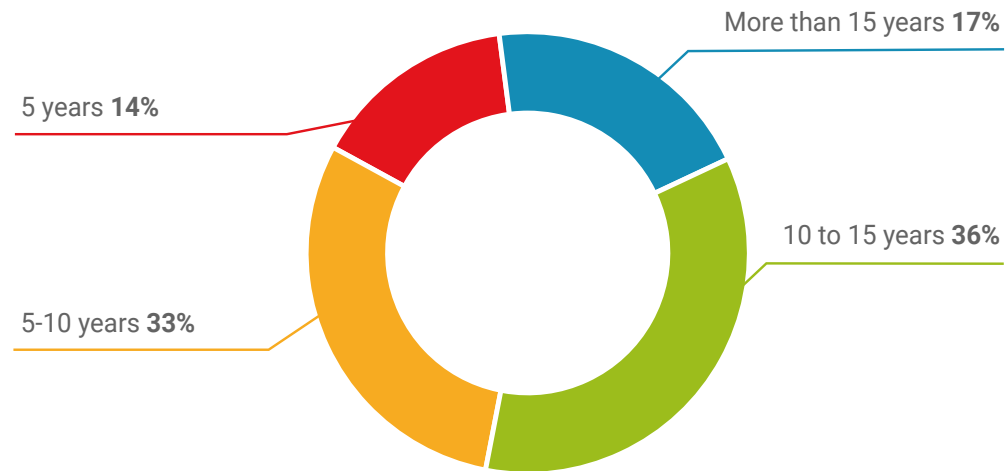
"

If you have experience in Offensive Cybersecurity, and are looking for an interesting improvement in your career while continuing to work, this is the program for you"

Average Age

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

Years of Experience

More than 15 years **17%**

5 years **14%**

10 to 15 years **36%**

5-10 years **33%**

Training

Business Economics **31%**

Engineering **39%**

Social Sciences **17%**

Other **13%**

Academic Profile

Industry **37 %**

Services **17%**

Entrepreneurs **24%**

Transportation **9%**

Other **13%**
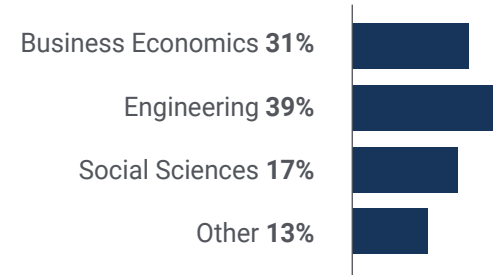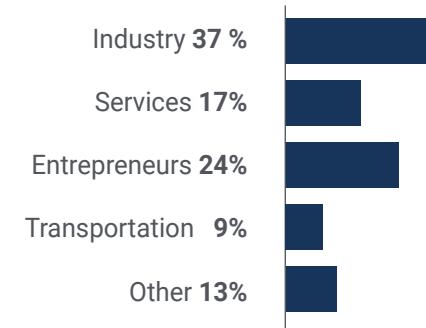
Geographical Distribution

U.S.A. **45%**

Spain **36%**

Mexico **9%**

Colombia **10%**
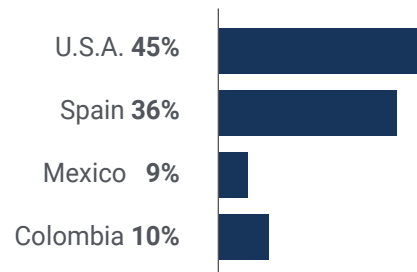
Adriana Hernández

Security engineer

"In this academic program I managed to get into very punctual knowledge such as understanding cyber vulnerability where entities will have as a first option the allocation of security tools that mitigate attacks effectively. And I admire the deep knowledge of the team of experts leading this program"

08
Course Management

This academic program has specialists from the business and IT sector, who have combined their experience in Software Engineering and Information Society Technologies and Cybersecurity in Business Technology Integration in this program. In this way, the professionals will achieve a profitable learning from the hand of renowned specialists in this area of knowledge. Therefore, TECH provides students with an education of the highest standards, thanks to the technological tools provided by this Postgraduate Diploma, where students will be able to assume the difficulties that the labor sector provides on a daily basis.

Enroll in this Postgraduate Diploma and you will enhance your skills in technological milestones and their impact on cybersecurity"

Management

Mr. Gómez Pintado, Carlos

- Manager of Cybersecurity and Network Team Cipherbit in Oesía Group
- Manager *Advisor & Investor* at Wesson App
- Graduate in Software Engineering and Information Society Technologies, Polytechnic University of Madrid
- Collaboration with educational institutions for the development **of Higher Level Training Cycles** in cybersecurity

Professors

Mr. González Parrilla, Yuba

- Offensive Security Line and Network Team Coordinator
- Predictive Project Management Specialist at the Project Management Institute
- SmartDefense Specialist
- Web Application Penetration Tester Expert at eLearnSecurity
- Junior Penetration Tester in eLearnSecurity
- Graduated in Computer Engineering at the Polytechnic University of Madrid

Mr. Gallego Sánchez, Alejandro

- Pentester in Oesia Group
- Cybersecurity Consultant in Integrated Technology Business, S.L.
- Audiovisual Technician in Audiovisual Engineering S.A.
- Graduate in Cybersecurity Engineering from the Rey Juan Carlos University

Impact on Your Career

This program has been developed with the intention of providing students with the most exclusive skills that will lead them to rigorously assume each of the difficult situations that the IT sector provides. In this sense, TECH emphasizes on providing an elite education, focused on the excellence of each of its academic programs. For this, the professionals will have the guarantee of acquiring a unique education oriented to apply theoretical knowledge in practical scenarios and simulations, facing real challenges in order to strengthen Pentestingskills.

This Postgraduate Diploma incorporates a teaching team specialized in Computer Science together with a great audiovisual support of the highest standards"

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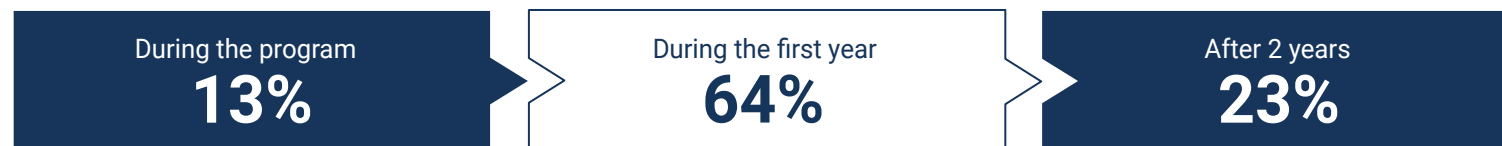## Excellent professional development awaits you

TECH's Postgraduate Diploma in Offensive Cybersecurity is an intensive program that prepares you to face challenges and business decisions in the field of IT. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

This university program will provide you with innovative teaching material on Advanced Malware techniques.

With this highly flexible degree, you only need an electronic device with an Internet connection to access the virtual platform 24 hours a day.

When the change occurs

During the program	During the first year	After 2 years
13%	**64%**	**23%**

Type of change

Internal Promotion **46%**

Change of Company **44%**

Entrepreneurship **10%**
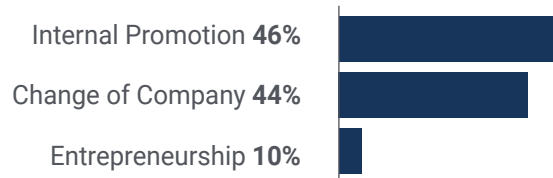
Salary increase

This program represents a salary increase of more than **25,55%** for our students

Salary before	A salary increase of	Salary after
55,465	**25,55%**	**74,500**

10
Benefits for Your Company

This program contributes to elevating the organization's talent to its maximum potential through the instruction of high-level leaders.

In addition, participating in this university option is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.

"In the digital era, managers must integrate new processes and strategies that bring about significant changes and organizational development. This is only possible through university training and updating"

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.

Project Development

05

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

Increased competitiveness

06

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

11
Certificate

The Postgraduate Diploma in Offensive Cybersecurity guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma diploma issued by TECH Technological University.

" *Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*
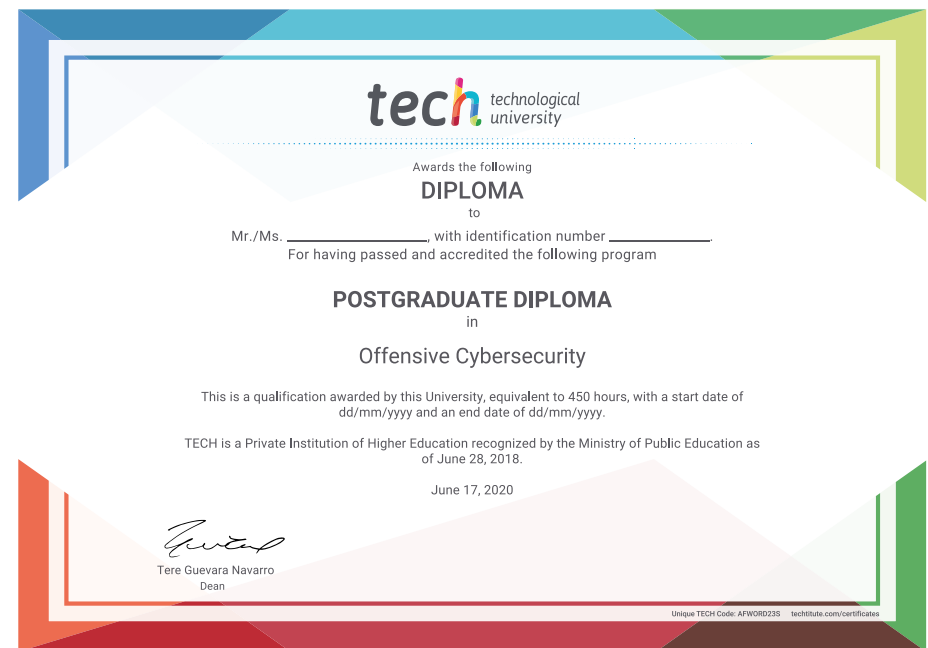
Este **Postgraduate Diploma in Offensive Cybersecurity** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Offensive Cybersecurity**

Official Nº of Hours: **450 h.**

tech technological university

Awards the following

DIPLOMA
to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE DIPLOMA
in

Offensive Cybersecurity

This is a qualification awarded by this University, equivalent to 450 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

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

Postgraduate Diploma
Offensive Cybersecurity

» Modality: **online**

» Duration: **6 months**

» Certificate: **TECH Technological University**

» Dedication: **16h/week**

» Schedule: **at your own pace**

» Exams: **online**

Postgraduate Diploma
Offensive Cybersecurity

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