



**Duration:** 11 weeks,  
one evening per week

**Delivery:** Online,  
On-campus

**Intakes\*:** Oct/Nov 2023  
Feb 2024

**Fees\*\*:** Online - € 965

On-campus - € 1,250

\*Contact us for next availability.

\*\* Check our website or contact our sales agents for information on our current promotional offers

# Diploma in Cyber Security

**This diploma examines how the internet has grown as a global phenomenon over the past twenty years, bringing with it the threat of crime in a variety of forms. Decision makers must be familiar with the basic principles and best practices of cyber security to best protect their enterprises, and digital assets. The programme will discuss the laws that are in use to try and regulate the internet and assess the various threats posed by internet crime in its many varieties.**

This course is suitable if you wish to obtain a broad understanding of cyber security. An engineering or computing background is not required.

## Course structure

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- Introduction to Information Security Fundamentals and Best Practices
- Protecting Your Computer and Its Contents
- Securing Computer Networks – Basics of Computer Networking Theory
- Ethics in Cyber Security and Cyber Law
- Secure Communications and Information Security Best Practices
- Privacy Guidelines and Safe Internet Usage
- Intellectual Property
- Professional Ethics
- Internet Fraud
- Cybercrimes
- Secure Software and Browser Security
- Cookies and Browser Storage

- Managing a Business Information Continuity Plan
- Vulnerabilities and Controls
- Information Risk Management
- Risk Response Development and Control
- Security Policy, Compliance, and Business Continuity
- Cyber Incident Analysis and Response

## Career opportunities

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- ICT Cyber Security Analyst
- Cyber Security Team Member/Lead
- Advisory Consultant – Cyber Security
- Cyber Security Analyst
- Cyber Security Engineer
- Cyber Security Manager



## Entry requirements

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This course has been developed for those with little or no prior cyber and digital security experience, but a desire to understand appropriate approaches for risk management and best practices in relation to cyber and digital security. An engineering or computing background is not required to benefit from this course.

## Lecturer profile: Thomas Owen

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Thomas has been working in information technology and security for over 20 years of which 18 have been spent in supervisory and management roles. Throughout his extensive career, he has gained an expert knowledge of cybersecurity in financial services, higher education and the healthcare sector. Thomas holds the following professional qualifications: CISSP, HCISPP, CEH, C|CISO, Security+, Network+, CCENT, MCA, MCP, MCTS, PCIP, PCI-ISA, CISA, CISM, CRISC, CGEIT.