Cyber Security Master's Program - Blended Learning

365 day-access / 1 introduction course / 4 specialist courses / 2 electives

Our **Cyber Security Expert Master's Program** provides cybersecurity professionals with foundational-level, intermediate-level, and advanced-level skills that entail industry-leading certifications like CompTIA Security+, CEH, CISM, CISSP, and CCSP. The program begins with introductory level technology training, then progresses to intermediate level hacking techniques such as reverse engineering, and network penetration testing.



What can you expect?

• 100+ hours of instructor-led online live OR recorded virtual classes

• 40+ hours of self-paced eLearning content

• 1 year access to the online bootcamp

• Lifetime access to the self-paced videos and class recordings

• **1 exam voucher & training kit inlcuded for CEH** (other exam vouchers can be purchased directly at PearsonVue and Isaca)

• Master's certificate of achievement upon course completion

• **Learn by working on real-world problems: c**apstone projects involving real world data sets with virtual labs for hands-on learning

• **Structured guidance ensuring learning never stops:** 24x7 Learning support from mentors and a community of like-minded peers to resolve any conceptual doubts

COURSE & LEARNING OBJECTIVES

- Support organisational security by installing, configuring and deploying public key infrastructure and network components, assessing and troubleshooting issues
- Master advanced hacking concepts to effectively manage information security Design security architectures and frameworks for secure IT operations
- Design cloud data storage architectures and security strategies and use them to analyse risks
- Protect data movement, perform disaster recovery, access CSP security and manage customer databases
- Secure your organisation's data and information using technical strategies, tools and techniques
- Analyse and mitigate risks using ethical security practices
- Gain an in-depth understanding of security in cloud computing architecture
- Understand regulatory requirements, privacy issues and audit process methodologies in the cloud environment
- Focus on IT compliance and enterprise system integrity to create a more secure enterprise IT framework

THIS UNIQUE MASTER'S PROGRAM INCLUDES 1 INTRODUCTION COURSE, 4 CORE COURSES AND 2 ELECTIVES

Introduction to Cyber Security, Self-paced learning

The Introduction to Cyber Security course for beginners is designed to give you a basic overview of today's cyber security landscape and provide you with the tools to evaluate and manage security protocols in information processing systems.

CompTIA Security+ (SY0-601), Live Virtual Class

The CompTIA Security+ course enables learners to gain the knowledge and skills necessary to install and configure systems to secure applications, networks and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws and regulations. After successfully validating their skills by passing the certification exam, learners will be able to perform these tasks to support the principles of confidentiality, integrity and availability. CompTIA Security+ meets the ISO 17024 standard.

CEH (v12) - Certified Ethical Hacker, Live Virtual Class

The CEH v12 Certified Ethical Hacker training (earlier CEH v11) and certification course provide hands-on classroom training to help you master the same techniques that hackers use to penetrate network systems and leverage them ethically to protect your own infrastructure. The extensive course, divided in 20 comprehensive modules focuses on 20 of the most popular security domains to provide a practical approach to essential security systems.

CISSP® Training, Live Virtual Class and Online Self-paced learning

The CISSP certification training is aligned to the (ISC)2 CBK 2018 requirements. The course, divided in 8 lessons, provides you with the latest industry best practices to help you pass the exam (not included) on your first attempt. The certification helps you develop expertise in defining the architecture, designing, building and maintaining a secure business environment for your organisation using globally recognised information security standards.

Certified Cloud Security Professional, Live Virtual Class and Online Self-paced learning

The online CCSP training course will help you gain expertise in cloud security architecture, design, applications, and operations. CCSP by ISC2 is a globally acknowledged certification which represents the highest standard for Cloud security. This course provides step by step guidance and easy-to-follow detailed explanation on every facet of CCSP.

Electives:

CompTIA Network+, Online Self-paced learning

CISM®, Online Self-paced learning

TARGET AUDIENCE

This program is designed for professionals from a variety of industries and backgrounds; the diversity of our students adds richness to class discussions and interactions.

The following are the few professional profiles that are ideal students for this course:

- All levels of IT auditor/penetration tester
- Security consultants/managers
- IT directors/managers/consultants
- Security auditors/architects
- Security systems engineers
- Chief information security officers (CISOs)
- Chief compliance/privacy/risk officers
- Network specialists, analysts, managers, architects, consultants or administrators
- Technical support engineers
- Systems analysts or administrators

PRE-REQUISITES

There are no prerequisites for this training program. Learners need to possess an undergraduate degree or a high school diploma.

WHAT'S INCLUDED?

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- 1 exam voucher inlcuded for CEH (other exam vouchers can be purchased directly at PearsonVue and Isaca)
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