



2,5 JOURS/20 h



5*9h-13h (CET)



Classe Virtuelle - Anglais



En ligne



Adhérents IFACI :
1 900 € HT
 Non adhérents :
2 400 € HT



CPE 20



12



ref. Intermediate

Auditing the Cybersecurity Program Certificate

Strengthen your role in managing cyber risks: audit cybersecurity programs, assess your knowledge with quizzes after each module, and earn certification through a final exam with multiple attempts allowed.

Participants

This program is intended for operational internal auditors and audit leaders who want to deepen their understanding and gain recognition of their cybersecurity knowledge.

Prérequis

Fundamentals of Cybersecurity or equivalent knowledge

Objectifs pédagogiques

- **Recognize** what drives cyber risk and how internal audit can assess control effectiveness
- **Identify** how to assess data storage solutions
- **Define** digital transformation, digitalization risks, and associated controls
- **Recognize** characteristics of a typical, timely patch management process
- **Explain** key concepts relating to the vulnerability management program, including commonly applied vulnerability management maturity models
- **Identify** how automation of business impacts the methods used in audit testing
- **Investigate** méthodes to reduce risk exposure from common API and web services vulnerabilities
- **Determine** how to mitigate risk exposure from common privileged access management vulnerabilities
- **Identify** methods to adjust audit approaches for DevSecOps
- **Review** how to mitigate risk exposure from common SoD vulnerabilities in DevSecOps Applications
- **Understand** internal audit's role in continuous monitoring and continuous auditing

- **Recall** objectives and methods deployed in red team exercises
- **Recall** important factors relating Security Operations Centers (SOC) and incident management, monitoring, detection, and response frameworks
- **Identify** controls, and associated assessments, needed to operate a SOC

Contenu

Unit 1 : Auditing the Cybersecurity Program :
 Unit 2 : Auditing Storage Management Solution and Containers :
 Unit 3 : Auditing Digital Transformation and Digitization Programs :
 Unit 4 : Auditing the Vulnerability Management Program
 Unit 5 : Auditing the Patch Management Program
 Unit 6 : Auditing automation
 Unit 7 : Auditing API and Web Services
 Unit 8 : Auditing privileged Access Management
 Unit 9 : Auditing DevSecOps
 Unit 10 : Auditing Continuous Monitoring
 Unit 11 : Auditing Red, Blue, and Purple Team Testing
 Unit 12 : Auditing the Security Operations Center (SOC)

Moyens pédagogiques

Live sessions
 Participants who complete the course are eligible to sit for the certificate exam which is administered on The IIA's LMS platform

Modalités d'évaluation des acquis

Progress of learning and assessment of participants' achievements by the trainer throughout the training course: discussion time, practical work, training exercises, quizzes. An online satisfaction survey is conducted for each trainee. This assessment is supplemented by the trainer's evaluation at the end of each session.

Intervenant

A certified professional