

CompTIA SecAI+ Certification Prep Course

Cursusduur: 5 Dagen **Cursuscode: GK021** **Version: CY0-001** **Trainingsmethode: Virtual Learning**

Beschrijving:

CompTIA SecAI+ validates the competencies required for cybersecurity professionals who are responsible for securing AI-driven systems.

The CompTIA SecAI+ Certification Prep Course is designed to prepare learners for the CY0-001 exam. This course equips cybersecurity professionals with the practical skills needed to develop practical, job-ready skills for recognizing and responding to AI-driven threats, such as prompt injection, model abuse, data leakage, and adversarial attacks. They will be able to apply secure-by-design principles to AI use cases, policies, and workflows. SecAI+ also provides a verifiable way to demonstrate your skills to employers, helping you stand out in a competitive market. They signal a commitment to ongoing professional development and can support career advancement, role expansion, or salary growth over time.

This course covers the core domains tested on the SecAI+ exam: Basic AI Concepts Related to Cybersecurity, Securing AI Systems, AI-assisted Security and AI Governance, Risk, and Compliance. Participants will develop the knowledge and hands-on skills required to understand important AI concepts, secure AI systems using various technical controls, leverage AI to enhance corporate security posture while automating security tasks, and understand how governance, risk, and compliance (GRC) impacts AI technologies on a global scale. By the end of the course, learners will be prepared to contribute to risk management, governance, and incident response activities involving AI.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Doelgroep:

This course is ideal for those who currently hold a CompTIA cybersecurity certification (such as Security+, CySA+, PenTest+, etc.) or equivalent experience, and are looking to expand their skill set for evolving job roles in the context of AI technologies.

Doelstelling:

- **After this course participants should be able to:**
- Apply foundational and advanced AI concepts to strengthen organizational cybersecurity.
- Implement robust security controls and best practices for protecting AI systems and data.
- Leverage AI-driven tools to enhance threat detection, response, and automation of security operations.
- Navigate global governance, risk, and compliance

Vereiste kennis en vaardigheden:

This is equivalent to 3–4 years of IT experience with approximately 2 years of hands-on cybersecurity experience.

- G013 - CompTIA Security+
- G015 - CompTIA PenTest+ Certification Prep Course
- GK5867 - CompTIA CySA+ Cybersecurity Analyst

Examens en certificering

CompTIA SecAI+ certifications equip candidates to secure, govern, and innovate with artificial intelligence, elevating resilience, compliance, and operational excellence in digital enterprises.

Exam series code: CY0-001

Number of questions: Maximum of 60, multiple-choice and performance-based

Passing score: 600 (on a scale of 100–900)

Recommended experience: 3–4 years in IT, inclusive of 2+ years hands-on cybersecurity; Security+, CySA+, PenTest+, or equivalent

recommended.

Cursusinhoud:

Module 1: AI and Data Concepts for Cybersecurity

Module 2: Implementing Threat Modeling and Securing AI Systems

Module 3: Installing Access Controls for AI

Module 4: Distinguishing AI- Related Threats and Compensating Controls

Module 5: Leveraging AI in Security and Understanding Its Misuse

Module 6: Understanding AI Governance, Risk, and Compliance

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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