



CompTIA SecAI+ Course Outline



ERIC REED

CYBERSECURITY TRAINING

PASS ON THE FIRST ATTEMPT!™



COMPANY OVERVIEW

For over 25 years, Eric Reed Cybersecurity Training has been a trusted leader in cybersecurity education, equipping more than 60,000 professionals with the skills needed to defend against emerging cyber threats. Our mission is to empower individuals and organizations with comprehensive, hands-on training that translates directly to real-world success. Recognized with multiple industry awards—including an unprecedented 10-time EC Council Instructor of the Year and 7-time Circle of Excellence honoree—we combine innovative delivery methods with a passion for excellence to ensure our students achieve certification success on the first attempt



COMPTIA SECAI+

CompTIA SecAI+ is the first certification in our new expansion series, designed to help you secure, govern, and responsibly integrate artificial intelligence into cybersecurity operations. Gain the skills to defend AI systems, meet global compliance standards, and use AI to enhance threat detection, automation, and innovation while strengthening organizational resilience. CompTIA SecAI+ is scheduled to launch on February 17, 2026, and is now available for pre-order.



ONLINE LIVE LEARNING



ON-DEMAND LIVE LEARNING

ONLINE LIVE & ON-DEMAND LIVE

All the benefits of live, instructor-led training with the convenience of on-demand.

- **Online Live:** Attend our scheduled sessions in real time (Monday–Friday). Get immediate interaction with the instructor and fellow students.
- **On-Demand Live:** Access recordings of the most recent live sessions on your own schedule, while still having direct instructor support.
- **Flexible Scheduling:** Choose a structured approach—one-week bootcamp (M–F), two nights a week for five weeks, or every Saturday for five weeks. Need more wiggle room? Adjust any schedule to fit your lifestyle!



COURSE OBJECTIVES

- Apply AI concepts to strengthen your organization’s cybersecurity posture.
- Secure AI systems using advanced controls and protections to safeguard data, models, and infrastructure.
- Leverage AI technologies to automate workflows, accelerate incident response, and scale security operations.
- Navigate global GRC frameworks to ensure ethical and compliant AI adoption across industries.
- Defend against AI-driven threats like adversarial attacks, automated malware, and malicious use of generative AI.
- Integrate AI securely into DevSecOps pipelines and enterprise security strategies.



SALARY RANGE

SecAI+ → \$120,000

These figures are approximate and depend on location, experience, and job role. Higher salaries are usually seen in major tech hubs and with significant experience.



JOB ROLES

- Cybersecurity Analyst
- SOC (Security Operations Center) Analyst
- Security Engineer
- Security Architect
- Threat Intelligence Analyst
- Incident Responder
- Cloud Security Engineer
- DevSecOps Engineer
- AI/ML Engineer (working with secure AI systems)
- GRC (Governance, Risk, and Compliance) Analyst



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CompTIA SecAI+ Course Outline

COMPTIA SECAI+ OVERVIEW



Module 1: Summarizing AI and Data Concepts for Cybersecurity

- Explain AI Concepts Relevant to Cybersecurity
- Understand AI Model Training and Prompt Engineering Part 1
- Understand AI Model Training and Prompt Engineering Part 2
- Secure AI Data



Module 2: Implementing Threat Modeling and Securing AI Systems

- Use AI Threat Modeling Part 1
- Use AI Threat Modeling Part 2
- Implement Security Controls for AI Systems Part 1
- Implement Security Controls for AI Systems Part 2



Module 3: Installing Access Controls for AI

- Deploy Access Controls for AI
- Apply Data Security Controls for AI Security
- Perform Monitoring and Auditing for AI Systems



Module 4: Distinguishing AI-Related Threats and Compensating Controls

- Demonstrate the Importance of Security in the AI Life Cycle
- Analyze AI Systems Attacks and Utilize Compensating Controls



Module 5: Leveraging AI in Security and Understanding its Misuse

- Use AI-Enabled Tools for Security Tasks
- Summarize AI-Enabled and AI-Enhanced Attack Vectors
- Use AI to Automate Security Tasks Part 1
- Use AI to Automate Security Tasks Part 2



Module 6: Understanding AI Governance, Risk and Compliance

- Classify Organizational Governance Structures for AI
- Define the Risks Associated with AI
- Explain the Impact of Compliance on Business Use and AI Development



"It's was a great class that covered all aspects of security. Most importantly, I appreciate the fact that you are giving up your own time to assist us and maintain a sharedrive with the latest security tools and informative papers even after the class is over. I was able to pass the test after one week of attending the training."

-Shadi Ehalabi