APPLIED TECHNOLOGY ACADEMY

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AppliedTechnologyAcademy.com

Cloud Security Knowledge (CCSK) Training

Cloud Security Alliance Authorized Training · Applied Technology Academy

Applied Technology Academy delivers the Cloud Security Alliance's Certificate of Cloud Security Knowledge (CCSK) — the industry benchmark for vendor-neutral cloud security expertise. This program is fully updated to CCSK v5, aligned to the CSA Security Guidance v5 and Cloud Controls Matrix, and now covers AI and generative-AI security, Zero Trust strategy, and modern data protection across AWS, Azure, Google Cloud and hybrid environments.

LEVEL	DURATION	VERSION	EXAM	FORMAT
Intermediate	**3 Days**	**CCSK v5**	**60 Q · 120 min · 80%**	**Open-book, online**

Course Overview

The CCSK proves a comprehensive, unbiased understanding of how to secure data in the cloud. Because it is vendor-neutral, the knowledge applies across every major platform rather than a single provider. Version 5 refreshes the entire body of knowledge for today's cloud — adding artificial intelligence and generative-AI security, Zero Trust architecture, data-lake protection, and updated guidance on cloud workload and application security.

Course Outline

CCSK v5 covers the twelve domains of the CSA Security Guidance:

- Cloud Computing Concepts & Architectures
- Cloud Governance
- Risk, Audit & Compliance
- Organization Management
- Identity & Access Management
- Security Monitoring
- Infrastructure & Networking
- Cloud Workload Security
- Data Security
- Application Security
- Incident Response & Resilience
- Related Technologies & Strategies (including AI / GenAI and Zero Trust)

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Intended Audience

The CCSK is designed for IT and security professionals moving into or working in cloud computing — security analysts and engineers, developers, IT operations, cloud architects, and audit, compliance and solution-engineering professionals who need a credible, vendor-neutral foundation in cloud security.

Prerequisites

No formal prerequisite or prior certification is required. Candidates should have a basic understanding of core security concepts — firewalls, encryption, secure development, and identity and access management.

Follow-On Courses

- SANS Cloud Security Essentials
- Cloud Operations on AWS

Exam & Certification

The CCSK v5 exam is open-book and online: 60 multiple-choice questions selected at random, 120 minutes, with an 80% passing score. Registration ($445, paid to CSA) includes two attempts valid for two years. The certificate does not expire.

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.