



Certified Cloud Security Professional

Understanding the information security risks and mitigation strategies for cloud computing is crucial for all organizations. Legacy approaches are inadequate: companies need competent, experienced professionals equipped with the right cloud security skills to be successful.

Co-created by (ISC)² and the Cloud Security Alliance, the CCSP denotes professionals with deep-seated knowledge and competency derived from hands-on experience with information security and cloud computing. CCSP professionals have achieved the highest standard for cloud security expertise and enable any organization to benefit from the power of cloud computing while keeping sensitive data secure.

(ISC)² CCSP is compliant with ISO 17024 standards and approved by the US DoD to meet directive 8140/8570.01-M requirements.

Our unique model follows a streamlined approach to workforce development and skills attainment

Assess: Assess each student to determine existing skill sets

Educate: Deliver goal-specific training utilizing all delivery modalities

Mentor: Expose students to instructors and mentors with front-line IT and cybersecurity experience

Certify: Certify students with the requisite hands-on skills to perform the tasks related to their functional roles

Validate: Validate student abilities through performance analytics and real-world exercises hosted on a cyber range

Exam Objectives: CCSP (2022)

Cloud Concepts, Architecture, & Design	17%
Cloud Data Security	20%
Cloud Platform & Infrastructure Security	17%
Cloud Application Security	17%
Cloud Security Operations	16%
Legal, Risk, & Compliance	13%

Course Outline:

Domain 1: Cloud Concepts, Architecture and Design

Cloud Computing Concepts; Cloud Architecture; Security Concepts; Secure Design; Trusted Services

Domain 2: Cloud Data Security

Cloud Data Lifecycle; Design Storage Architecture; Data Security Strategies; Data Discovery/Classification; PII; Protection; Data Retention, Deletion & Archiving Policies; Data Event Audits

Domain 3: Cloud Platform & Infrastructure Security

Cloud Infrastructure; Risk Analysis; Security Controls; Disaster Recovery & Business Continuity

Domain 4: Cloud Application Security

Training & Awareness; Software Validation; Secure Software; Software Development Lifecycle; Application; Architecture; Identity and Access Management Solutions

Domain 5: Cloud Security Operations

Build/Run/Manage Physical Infrastructure; Build/Run/Manage Logical Infrastructure; Change Management; Digital Evidence; Manage Security Operations

Domain 6: Legal, Risk and Compliance

Legal Requirements; Privacy Issues; Audit Process; Enterprise Risk Management; Different Risk Frameworks; Contract Management; Vendor Management

Included

40 hours of instructor-led training sessions
(ISC)² authorized textbook/class materials
Practice exam questions