

5 Days

## Certified Cloud Security Engineer (CCSE)

For those new to this, a cloud is essentially a server on the internet which stores data in various forms for anywhere, anytime access by users. Cloud Computing as an industry is worth hundreds of billions of dollars and is vulnerable, with ransom from it more, if not less in some places.

The world is digitizing at a faster pace than ever before. Competent professionals are harder to find. In order to address these challenges facing the world and Cloud Computing at large, EC-Council's curriculum developers have prepared the Certified Cloud Security Engineer [CCSE] certification.

With its 11 modules, an exam comprising 125 multiple-choice questions testing aspirants in 4 hours, requiring 70% to clear and open to all Information Security professionals with at least 2 years of experience, this certification is much more related to our daily lives than a lot of others.

### CCSE Course Objectives:

While the area of cloud computing and security is wider than perhaps the horizon itself, here are some concepts, structures, techniques trainees can expect expansion and revision during the course of training:

- Cloud infrastructure components like network, storage and virtualization, and management.
- Get a deeper understanding of secure software development lifecycle and how to make hosted cloud applications safer
- Learn how and when to use tricks, techniques and terms to use across private, multi-tenant, and hybrid cloud environments.
- GRC framework, cloud incident response plan, and business continuity plan
- Identity and Access Management [IAM]
- Controlling cloud costs
- Ensuring data confidentiality
- Safeguarding cloud resources
- Regulatory, governance and compliance requirements
- Cloud Computing Security Audits
- Penetration Testing

## Course Details

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### Course Outline

#### Certified Cloud Security Engineer [CCSE] Course Outline:

With the ever-digitizing world depending on the nourishment of the virtual cloud every second, it is crucial for trainees to learn about its basics, commercial regulatory and other aspects. These and much more are covered in the 11 modules listed below:

- Module 01: Introduction to Cloud Security

- Module 02: Platform and Infrastructure Security in the Cloud
- Module 03: Application Security in the Cloud
- Module 04: Data Security in the Cloud
- Module 05: Operation Security in the Cloud
- Module 06: Penetration Testing in the Cloud
- Module 07: Incident Detection and Response in the Cloud
- Module 08: Forensics Investigation in the Cloud
- Module 09: Business Continuity and Disaster Recovery in the Cloud
- Module 10: Governance, Risk Management, and Compliance in the Cloud
- Module 11: Standards, Policies, and Legal Issues in the Cloud

## Who Should Attend

### CCSE Recommended Designations:

There are fewer designations that offer those certified as Cloud Security Engineers a list longer than they can start their careers and become. From Managers to consultants to analysts, the list which is not binding:

- Cyber Cloud Security Manager
- Cloud Security Practice Manager
- Cloud Security Manager
- Cloud Administrator
- Cloud Security Project Manager
- Cloud Security Administrator
- Network Security Administrator
- IT Delivery Manager
- Project Manager
- Cloud administrator
- Cloud Security Operations Lead
- Cloud Security Technical Lead
- Cloud Security Specialist
- Cloud Security and Compliance Specialist
- Cloud Security Consultant
- API Cloud Security Engineer
- Cloud Engineer
- Cloud DevOps Engineer
- Cloud Security Engineer – DevSecOps
- Cloud Security Engineer
- Cybersecurity engineer
- Information Security Engineer
- Network Security Engineer
- Operations Engineer
- SecOps Engineer
- Cloud Security Architect
- Cloud Analyst
- Cloud Security Analyst
- Cybersecurity analyst
- DevSecOps Cloud Security Architect
- Network Security Analyst

## Pre Requisite

### Certified Cloud Security Engineer [CCSE] Pre-Requisites:

Minimum 2 years of full-time work experience in Information Security/Cyber security sector.

## Exams

Certified Cloud Security Engineer [CCSE] [312-40]

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