

# Course Outline

## CCSP Certification Prep Course Course CCSP-CPC: 5 days Instructor Led

### About this course

This course is the most comprehensive review of cloud security concepts and industry best practices covering the six domains of the CCSP Common Body of Knowledge (CBK®). You will gain knowledge in identifying the types of controls necessary to administer various levels of confidentiality, integrity, and availability, with regard to securing data in the cloud. You will identify the virtual and physical components of the cloud infrastructure with regard to risk management analysis, including tools and techniques necessary for maintaining a secure cloud infrastructure. You will gain an understanding in cloud software assurance and validation, utilizing secure software, and the controls necessary for developing secure cloud environments. You will identify privacy issues and audit processes utilized within a cloud environment, including auditing controls, assurance issues, and the specific reporting attributes.

### Audience profile

- Anyone whose position requires CCSP certification
- Anyone whose position requires CCSP certification
- Individuals whose responsibilities involve procuring, securing, and managing cloud environments or purchased cloud services
- Expert-level certification

### At course completion

After completing this course, students will be able to:

- Cloud Concepts, Architecture and Design
- Cloud Data Security
- Cloud Platform and Infrastructure Security
- Cloud Application Security
- Cloud Security Operations
- Legal, Risk, and Compliance

### Course Outline

Chapter 1: Architectural Concepts

Chapter 2: Data Classification

Chapter 3: Cloud Data Security

Chapter 4: Security in the Cloud

Chapter 5: Cloud Platform, Infrastructure, and Operational Security

Chapter 6: Cloud Application Security

Chapter 7: Operations Elements

Chapter 8: Operations Management

Chapter 9: Legal and Compliance Issues

Chapter 10: Cloud Vendor Management