Cyber Security Syllabus

CISSP

Greens Technologys CISSP certification training is aligned with the (ISC)[2] CBK 2018 requirements. The course trains you in the industry's latest best practices, which will help you pass the exam in the first attempt. The certification helps you develop expertise in defining the architecture and in designing, building, and maintaining a secure business environment for your organization using globally approved Information Security standards.

Key Learning Objectives

- Be able to define the architecture, design and management of the security of your organization.

- Acquire the relevant knowledge and skills required to pass the CISSP certification exam.

- Earn the requisite 30 CPEs required to take up the CISSP certification exam.

- Develop working knowledge in the 8 domains prescribed by the CISSP Common Book of Knowledge, 2018.

Course curriculum

- **Lesson 00:** Introduction to CISSP - Overview of CISSP, CISSP Exams, ISC2 is covered in this lesson

- **Lesson 01:** Security and Risk Management - Information security management, risk analysis, legal systems, IP laws, BCA, CIA, etc are covered in this lesson

- **Lesson 02:** Asset Security - Learn how to classify information, protect privacy, maintain ownership, establish handling

- **Lesson 03:** Security Engineering - Understand security engineering processes using secure design principles, Architecture Frameworks, Security Models Evaluation Criteria, Distributed Systems, and many more

- **Lesson 04:** Communications and Network Security - Learn how to secure network architecture, design, components, and communication channels

- **Lesson 05:** Identity and Access Management - Implement and manage authorization mechanisms to prevent or mitigate access control attacks

- **Lesson 06:** Security Assessment and Testing - Learn how to design and validate assessment and test strategies

- **Lesson 07:** Security Operations - Understand and support requirements for investigations by implementing resource protection techniques and incident response

- **Lesson 08:** Software Development Security - Comprehend the system life cycle and system development in this lesson