CYBERSECURITY

CYBERSECURITY FUNDAMENTALS
TRAINING COURSE SYLLABUS

SPRINTZEAL
Empowering Professionals

Cybersecurity Fundamentals Training Course Syllabus

Module 1 - Introduction to Cybersecurity

Chapter 1 - Cybersecurity objectives

Chapter 2 - Cybersecurity roles

Chapter 3 - Differences between Information Security & Cybersecurity

Module 2 - Cybersecurity Principles

Chapter 1 - Confidentiality, integrity, & availability

Chapter 2 - Authentication & nonrepudiation

Module 3 - Information Security (IS) within Lifecycle Management

Chapter 1 - Lifecycle management landscape

Chapter 2 - Security architecture processes

Chapter 3 - Security architecture tools

Chapter 4 - Intermediate lifecycle management concepts

Module 4 - Risks & Vulnerabilities

Chapter 1 - Basics of risk management

Chapter 2 - Operational threat environments

Chapter 3 - Classes of attacks

Module 5 - Incident Response

Chapter 1 - Incident categories

Chapter 2 - Incident response

Chapter 3 - Incident recovery

Module 6 - Future Implications & Evolving Technologies

Chapter 1 - New & emerging IT & IS technologies

Chapter 2 - Mobile security issues, risks, & vulnerabilities

Chapter 3 - Cloud concepts around data & collaboration