

## About the Course

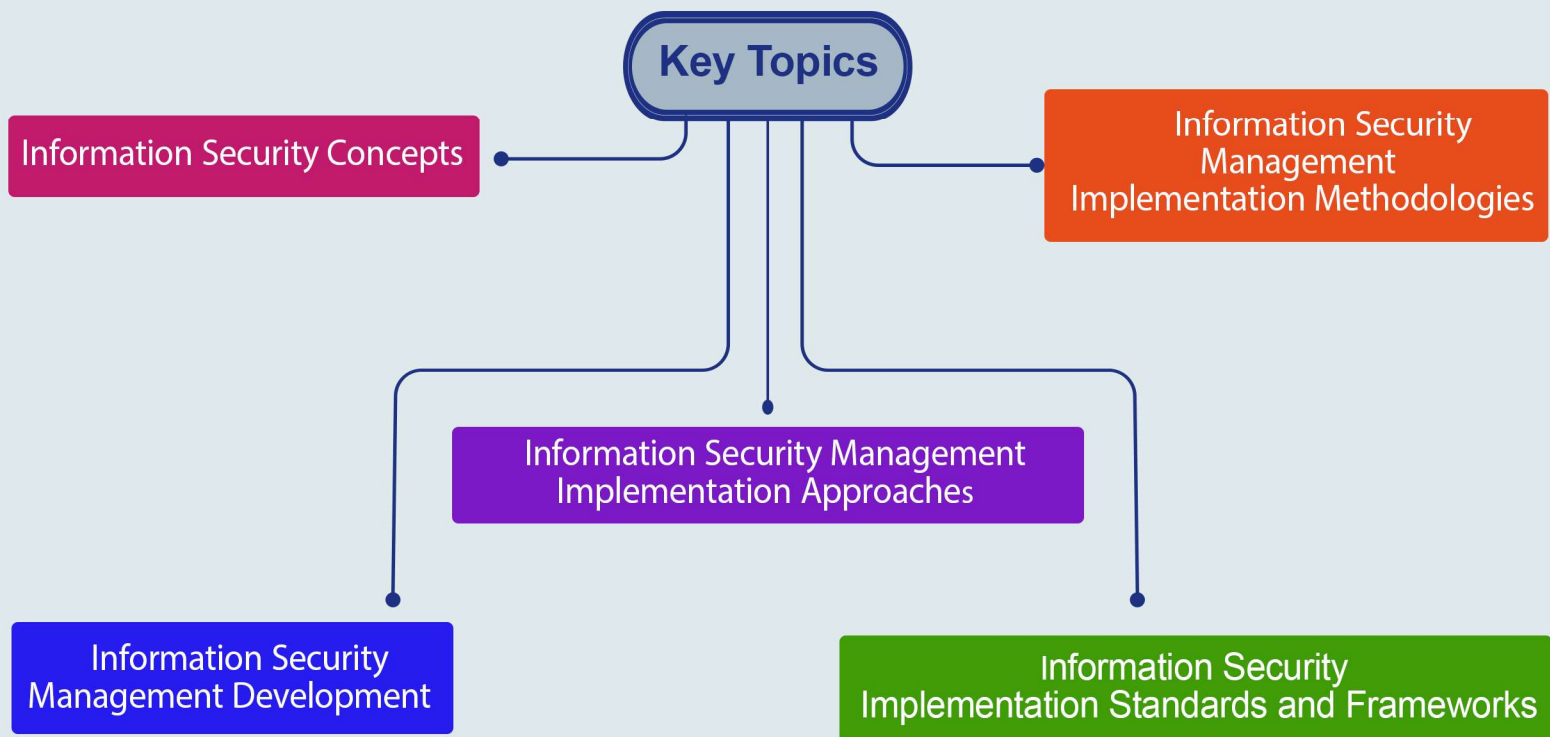
This course is designed for those who have a basic knowledge of information technology but not much knowledge of cyber security.

In this course, you get familiar with concepts of Information Security, Risk Management and Threats, Attacks and Vulnerabilities. You will find how to manage the threats and keep your information safe and secure. This course is base of all other courses and prerequisite for all of them.

## Learning Objectives



## Key Topics



## Pre Requisites

Basic knowledge about Networking Concepts and Protocols, Network Architecture, OSI layers & TCP/IP, Network equipment such as Switches and Routers, Operating Systems Structure and Services.

## What You Will Receive



Course Presentation File



Complementary Files

Information Security  
Concepts and Principles  
eBook

## Who Should Attend

Anybody who wants to make his/her carrier in Information Security and be an expert in Industrial Systems' Security, Penetration Testing, Network Infrastructures' Security, Auditing Information Security, Information Security Monitoring, Information Security Incident Management, Secure Application Development, Human Resource and Physical & Environmental Security.



## Syllabus



### **Information Security**

- o *Why Information Security?*
- o *History*
- o *What is Information Security?*
- o *Information Security Waves*
- o *Information Security Components*



### **Information Security Management Development**

- o *Security Strategic Management*
- o *Information Security Governance*



### **Information Security Management Implementation Approaches**

- o *Control-Based*
- o *Process-Based*
- o *Risk-Based*
- o *Recommendation from Manufacturers*
- o *Industry Best Practices*



### **Information Security Implementation Standards and Frameworks**

- o *Frameworks*
- o *Standards*



## Syllabus



### Information Security Management Measures

- o *KPIs*
- o *Maturity Evaluation Models*



### Information Security Management Implementation

- o *E-enterprise Security Management Life Cycle*
- o *Nirvana*
- o *Avinash Kadam*
- o *Nader Iranpour*

## Hands-on Training



This course is fully theoretic and has no Hands-on training