



CERTIFICATE IN CYBER SECURITY ESSENTIALS

Overview

Every organization is responsible for ensuring Cyber Security. The ability to protect its information systems from impairment or even theft is essential to success. Implementing effective security measures will not only offer liability protection; it will also increase efficiency and productivity. With our Cyber Security workshop, participants will understand the different types of malware and security breaches and develop effective prevention methods which will increase overall security. They will also understand the basic concepts associated with Cyber Security and what a company needs to stay secure.

Course Objectives

In this course, participants are expected to

Understand the role of computers and networks in a security context.

Identify computer system threats and evaluate their impact.

Discuss the effectiveness of various cryptographic techniques and their impact on security.

Develop basic organizational security policies; and
Demonstrate how defence in depth can be used to implement security.

Learning Outcomes

After completing this course, participant will be able to:

Determine the levels of protection and response to security incidents.

Identify the spectrum of security activities, methods, methodologies, and procedures.

Detect and react to threats to information assets.

Examine pre- and post-incident procedures.

Perform inspection and protection of information assets.

Design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

Who Should Attend

Non Executives & Executives

Course Contents

Day 1

Module 1: Cyber security Essentials

Module 2: Types of Cyber Attacks

Day 2

Module 3: Self-help for PC

Module 5: Self-help for Social Network

Day 3

Module 6: Reduce the Risk of Employee Theft of Confidential Information

Module 7: Prevention Software

Day 4

Module 8: Types of cyber offences

Module 9: Critical Cyber Threats

Day 5

Module 10 Perform IT Risk Assessment

Case Study

Open Book & On-line Examinations

Training Activity / Methodology

This program places heavy emphasis on experimental learning and delivered through: Lecture, Role Play, Practical Exercises, Cases Studies, Video Presentations, Training Games etc.

For Details Please Contact

828 Block B2, Leisure Commerce Square

No.9, JLN PJS8/9, 45200 Petaling Jaya

Tel: +603-78752585

Web: www.mipmm.org | admin@mipmm.org



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