



SETTEC
THE TRAINING HOUSE!

Fundamentals and principles of Information Security

Objectives:

This program aims at clarifying what is meant by informational security, its levels, types and developing awareness with e-mail protection and procedures during surfing the internet

Expected Accomplishments:

By the end of the program, participants will be able to:

- Acknowledge the importance and necessity of information security implementation and the modern methods applied and used by institutions.
- Create a stimulating work environment that applies unique and leading standards of measuring and assessing the efficiency of information security systems.
- Identify the degree of proficiency and usage of modern administrative and technological systems related to electronic services and transactions.
- Explain the strategies that are effective in deterring intrusion and viruses' attacks on systems.
- Use basic skills associated with the use of modern methods related to data and information security, protecting their works from theft hazards and the risk of enterprise databases to be fallen in the hands of abusers, vandals or competitors.

Contents:

Informational security:

- Informational security levels
- Informational security types
- Confidentiality
- Integrity
- Availability
- Non-Repudiation
- Systems
- Programs
- Networks breakthrough
- Electronic crimes
- Informational piracy



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- Informational security strata
- User identification elements
- Usage authentication elements
- Informational coding

The most famous informational security software:

- E-mail protection
- Viruses, its types and how to be protected

Deception sites:

- The impact of internet use on the efficiency and speed of hardware
- Protection procedures during surfing the internet
- Monsters of cyber spying

Breakthrough:

- Jeopardy of Trojan horse programs
- Breakthrough programs
- Protection programs

Strong passwords, creation and usage:

- Procedures of strong password
- Creating password in 6 steps
- Password strategies that must be avoided
- How to change your password
- Computer password
- Keeping password privacy

Procedures must be taken if your password is stolen

Methodology and Delivery Method:

- Instructor Presentations (20%)
- Workshops (30%)
- Practice (50%)

Target Group:

- Workers in the organization who use information technology to perform their professional tasks
- Those who should be qualified to occupy such positions.

Language:

- The language of instruction will be in English
- The materials for the trainees will be in English.