



CERTIFICATE OF COMPLETION

This is to certify that

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has completed an on-line e-learning course on

Information and Computer Security

on the IAEA's Learning Management System

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Information and Computer Security

Subtopics

1. What is computer security?
2. Potential targets
3. Threats and origins

Learning Objectives

- 1.1 Define computer security
- 1.2 Identify information security principles
- 1.3 Describe security domains
- 1.4 Describe initiating a defence in depth
- 1.5 Define computer security management
- 1.6 Define computer security measures
- 1.7 Describe policy
- 1.8 Describe incident response
- 2.1 Identify how computer-based systems are used in various aspects of nuclear and other radioactive material operations
- 2.2 List key information security focus points
- 2.3 Describe an example of how computer-based systems might be integrated at a nuclear power plant
- 2.3 List key differences between information technology (IT) and operational technology (OT)
- 3.1 Identify threat characteristics
- 3.2 Describe cyber insider threat
- 3.3 Describe real life case studies and scenarios
- 3.4 Define social engineering in the context of computer security
- 3.5 List examples of network attacks
- 3.6 Describe attacks on industrial control systems (ICS)
- 3.7 Identify new targets
- 3.8 Identify human behaviours that increase risk to computer-based systems