

CLP4NET Course Description Form

Detailed Description	
Course Full Name	Security of Nuclear Information
Purpose of the course	This e-learning module is designed to provide a basic introduction to information security through exploring the following: Introduction to Information Security; Threats to information security; Frameworks for information security; and Information security incident response.
Target audience	The audience for this course is intended to include all personnel and organizations with nuclear security responsibilities and functions. This includes, but is not limited to: national security authorities, regulatory bodies, national nuclear security coordinators, law enforcement, customs, intelligence and security agencies, operators, technical support organizations, educational and training organizations, and nuclear security support centres.
Syllabus	<ol style="list-style-type: none"> 1. Introduction to information security 2. Threats to information security 3. Frameworks for information security 4. Information security incident response
Learning Outcomes	<p>After completing this course, the learner should be able to</p> <ol style="list-style-type: none"> 1.1 Identify what information security and sensitive information is 1.2 Describe the concepts of information confidentiality, integrity, and availability 1.3 Describe the concept of information classification 2.1 Understand what the threats are to the security of information in nuclear security regimes 2.2 Describe various means in which information is leaked and lost 3.1 Understand the importance of information security policies and procedures 3.2 Know the roles and responsibility of individuals in information security 3.3. Understand the security considerations in the life cycle of information 4.1 Define what constitutes an information security incident 4.2 Understand incident response planning and preparation for incidents involving compromise of sensitive and classified information 4.3 Can state the need for incident detection and reporting 4.4 Understand the purpose of incident investigations 4.5 Recall main types of questions to consider when assessing the impacts of an incident
Knowledge Domain	
Keywords	Nuclear Security, Nuclear Security Series, NSS Nuclear Security Guidance Committee, NSGC
Pre-requisites	none
Language	Arabic, Chinese, English, French, Russian, Spanish
Interactivity	Self-study
Format	Online e-learning
Duration	2 h
Assessment	Assessed
Certification	Certificate of Completion
Version Number	v1.00
Version Date	Aug 2018
Unique Technical Requirements	N/A
Author(s)/Owner(s)	
Intellectual Property Owner	IAEA
Copyright & other restrictions	IAEA copyright
Contact Point	nsnselearning@iaea.org
IAEA Web Taxonomy Tag IDs	3077; 3105; 3232; 3303; 3740; 3744; 3764

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IAEA Web Taxonomy Tag Names	Computer and Information Security; Department of Nuclear Safety and Security; Nuclear Safety and Security; Online learning; Security; Security aspects of nuclear facilities; Security of nuclear and other radioactive material
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