

## CLP4NET Course Description Form

### Short Description

<b>Course Full Name</b>	<b>Preventive and Protective Measures Against Insider Threats</b>
<b>Course Short Name</b>	NSNS-M10
<b>Course Summary</b>	<p>This course is designed to provide learners with an overview of the <b>NSS No. 8</b> Implementing Guide "Preventive and Protective Measures against Insider Threats". After completing the course, learners will have a clear understanding of the importance of addressing the insider threat. Learners will recognize the <b>roles and responsibilities</b> of different entities for addressing insider threats, get acquainted with the key terms used to <b>characterize insiders and their targets</b>, understand what constitutes a <b>preventive and protective measure</b>, and <b>recognize contingency and implementation measures</b>.</p> <p>The course is intended mainly for persons who are responsible for designing, operating and/or assessing nuclear security systems, including the nuclear material accounting and control (NMAC) components, physical protection of nuclear facilities, and nuclear security management and staff; operators and managers of NMAC systems; those preparing associated regulations; persons responsible for computer security at nuclear facilities; and persons from the competent authorities and related law enforcement agencies.</p>

### Detailed Description

<b>Course Full Name</b>	<b>Preventive and Protective Measures Against Insider Threats</b>
<b>Purpose of the course</b>	<p>This course is designed to provide learners with an overview of the NSS No. 8 Implementing Guide "Preventive and Protective Measures against Insider Threats". After completing the course, learners will have a clear understanding of the importance of addressing the insider threat. Learners will recognize the roles and responsibilities of different entities for addressing insider threats, get acquainted with the key terms used to characterize insiders and their targets, understand what constitutes a preventive and protective measure, and recognize contingency and implementation measures.</p>
<b>Target audience</b>	<p>The course is intended mainly for persons who are responsible for designing, operating and/or assessing nuclear security systems, including the nuclear material accounting and control (NMAC) components, physical protection of nuclear facilities, and nuclear security management and staff; operators and managers of NMAC systems; those preparing associated regulations; persons responsible for computer security at nuclear facilities; and persons from the competent authorities and related law enforcement agencies.</p>
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. Roles and Responsibilities</li> <li>2. Identification of Insider Threats</li> <li>3. Target Identification</li> <li>4. Measures Against Potential Insider Threats part 1</li> <li>5. Measures Against Potential Insider Threats part 2</li> </ol>

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<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>1.1 Identify guidance documents regarding the insider threat</li> <li>1.2 Describe the roles and responsibilities for the State, Competent Authority, and License Holder with regards to protection against insider threats</li> <li>2.1 Define the adversary</li> <li>2.2 Define the insider</li> <li>2.3 Define insider threat</li> <li>2.4 Identify attributes of the insider</li> <li>2.5 Identify motivations of the insider</li> <li>2.6 Describe categories of insider threats</li> <li>2.7 Describe the Threat Assessment and Design Basis Threat</li> <li>3.1 List types of insider targets</li> <li>3.2 Distinguish between abrupt and protracted theft</li> <li>3.3 Describe sabotage and sabotage targets</li> <li>3.4 Identify systems that contribute to nuclear security</li> <li>4.1 Identify preventive and protective measures that can be used against the insider threat</li> <li>5.1 Identify preventive and protective measures that can be used against the insider threat</li> <li>5.2 Identify some of the comprehensive elements that reinforce preventive and protective measures</li> </ul>
<b>Knowledge Domain</b>	
<b>Keywords</b>	Nuclear Security, Insider Threat, Insider Characterization, Preventive and Protective Measures Against Insider Threats, Threat Assessment, Design Basis Threat, Sabotage, Unauthorized removal
<b>Pre-requisites (if any)</b>	none
<b>Language</b>	English
<b>Interactivity</b>	Self-study
<b>Format</b>	Online e-learning
<b>Duration</b>	3 h 20 min
<b>Assessment</b>	Assessed
<b>Certification</b>	Certificate of Completion
<b>Version Number</b>	v1.00
<b>Version Date</b>	May 2017
<b>Unique Technical Requirements</b>	N/A
<b>Author(s)/Owner(s)</b>	
<b>Intellectual Property Owner</b>	IAEA
<b>Copyright &amp; other restrictions</b>	IAEA copyright
<b>Contact Point</b>	nsnselearning@iaea.org
<b>IAEA Web Taxonomy Tag IDs</b>	3077
<b>IAEA Web Taxonomy Tag Names</b>	Nuclear Safety and Security