

Detailed Description	
<b>Course Full Name</b>	<b>Nuclear security culture</b>
<b>Purpose of the course</b>	<p>Nuclear security culture plays an important role in ensuring that individuals, organizations, and institutions remain vigilant and that sustained measures are taken to prevent and combat the threat of sabotage or using radioactive material for malicious acts.</p> <p>An organization is successful when they consider the economic, social, and environmental standards necessary to comply with the safety and security requirements for using nuclear and other radioactive material.</p> <p>In this module, we will discuss how human factors contribute to nuclear security system effectiveness, the IAEA nuclear security concept, who is involved in the establishment, maintenance, and enhancement of nuclear security culture inside of an organization, and the steps required to assess and enhance nuclear security cultures.</p>
<b>Target audience</b>	This course is designed for individuals at all levels of organizations that use or possess nuclear or other radioactive material as well as those with regulatory or supervisory responsibility for nuclear material security inside a State.
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1. The human factor in nuclear security</li> <li>2. IAEA nuclear security culture concept</li> <li>3. Roles and responsibilities</li> <li>4. Nuclear security culture self-assessment</li> <li>5. Nuclear security culture enhancement</li> </ol>
<b>Learning Outcomes</b>	<p>After completing this course, the learner should be able to</p> <ol style="list-style-type: none"> <li>1.1 Explain why and in what ways the human factor is important for effective nuclear security</li> <li>1.2 Describe how the human factor can contribute to nuclear security system effectiveness</li> <li>1.3 Name the potential consequences that could result from a degraded nuclear security regime</li> <li>2.1 Identify nuclear security culture as a part of organizational culture</li> <li>2.2 Explain Schein's metaphor of organizational culture and its relationship to the IAEA model of nuclear security culture</li> <li>2.3 Describe characteristics of the IAEA model of nuclear security culture</li> <li>3.1 Explain the roles and responsibilities of the State, organizations, managers in organizations, personnel, the public, and the international community in establishing an effective nuclear security culture</li> <li>4.1 State the goals and outcomes of the Nuclear Security Culture Self-Assessment (NSC SA)</li> <li>4.2 Explain the stages of the NSC SA process</li> <li>5.1 Describe the objectives of an NSC Enhancement Programme</li> <li>5.2 Describe the basis for an NSC Enhancement Programme</li> <li>5.3 Explain the steps of the NSC Enhancement Programme</li> <li>5.4 Describe activities included in an NSC Enhancement Programme</li> <li>5.5 Summarize NSC Action Plan steps and activities</li> <li>5.6 Identify the three stages of nuclear security culture evolution</li> </ol>
<b>Knowledge Domain</b>	
<b>Keywords</b>	Nuclear security culture
<b>Pre-requisites</b>	none
<b>Language</b>	Arabic, Chinese, English, French, Russian, Spanish

<b>Interactivity</b>	Self-study
<b>Format</b>	Online e-learning
<b>Duration</b>	1 h
<b>Assessment</b>	Assessed
<b>Certification</b>	Certificate of Completion
<b>Version Number</b>	v1.00
<b>Version Date</b>	June 2022
<b>Unique Technical Requirements</b>	N/A
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<b>Intellectual Property Owner</b>	IAEA
<b>Copyright &amp; other restrictions</b>	IAEA copyright
<b>Contact Point</b>	<a href="mailto:nsnselearning@iaea.org">nsnselearning@iaea.org</a>
<b>IAEA Web Taxonomy Tag IDs</b>	3077; 3303; 3314; 3105; 3740; 3751; 3232
<b>IAEA Web Taxonomy Tag Names</b>	Nuclear Safety and Security; Department of Nuclear Safety and Security; Division of Nuclear Security; Security of nuclear and other radioactive material; Security; Security aspects; Online learning