

# Comprehensive Two-Week Blended Course on Nuclear Safeguards

We are pleased to invite applications for our comprehensive and exclusive two-week course on Nuclear Safeguards. The course is planned to be held in two stages, one week each.

**First stage:** THE FOUNDATIONAL 22ND ESARDA ON-LINE COURSE (15-19 April 2024)

Organized by the Joint Research Centre of the European Commission (EC DG JRC) and the ESARDA Training and Knowledge Management working group (ESARDA TKM). It is recognized by the European Nuclear Education Network and is being facilitated through MC3.01/18 Safeguards Training and Education Project funded by the EU.

**Second stage:** A UNIQUE PRACTICAL IN PERSON WORKSHOP (Oct 2024) based on the day-to-day experience of leading European organizations in the field of nuclear safeguards.

Advanced learning and practical experiences, offering a deep dive into the latest developments and challenges in the field of nuclear safeguards.

Organized by the European Nuclear Education Network in cooperation with the largest European players in the field of nuclear safeguards.

**Short Description:** This comprehensive two-week blended course offers an overview of the global nuclear non-proliferation system, including the Non-Proliferation Treaty, safeguards technology, and export control as well as delves deeper into trends in nuclear safeguards, case studies, and additional protocol declaring activities, SMR, Sbd.

**Target Audience:** Masters degree students, researchers, and professionals in nuclear engineering, policy, security studies, and related fields who are keen to enhance their knowledge and skills in nuclear safeguards and non-proliferation.

More info about MC3.01/18 Safeguards Training and Education Project can be found at: <http://nuclearsafeguards.eu/>

**Deadline:** by 11<sup>th</sup> March 2024

## Description

The course material, consisting of a syllabus, a complete set of presentations and literature, will be provided to the participants. It is recommended to the students to prepare themselves beforehand using the material that will be available.

### Educational Objectives:

- Gain comprehensive knowledge from the basics to advanced aspects of nuclear safeguards.



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- Engage with experts and peers from around the world, building a professional network in the field.
- Benefit from a blend of theoretical knowledge and practical exercises designed to prepare for real-world challenges in the participants' countries.

**Course Highlights:**

- In-depth exploration of recent trends in nuclear safeguards, including SMR.
- Case studies focusing on the establishment of nuclear safeguards in the country.
- Practical exercises to enhance skills in additional protocol declaring, providing hands-on experience based on different country cases.

**Homework:** As a linkage between the **first** and **second** stages of the course participants will get a task for homework which will be discussed at the beginning of the second week of the course.

At the end of the two-week course participants will be asked to pass the test summarizing the knowledge obtained during the course.

**Costs:** There is no fee for the first online stage of the course.

The second week envisages in-person participation. The costs related to the course participation will be covered by the organisers.

Upon acceptance of your file by the course organizer committee, you will be notified for enrolment in the course and to proceed with the final registration.