

Leadership for Safety Advanced Education Course

Session: 2021/2022 Session
Université Côte d'Azur, NICE, France

Registration deadline: 31 July 2021

Duration: September 2021 – June 2022
-Intensive two-and-a-half-week course :
06-22 September 2021 (in Nice, France)
-Individual current position-related project
(October to April, on a part time basis), with
tutoring from UCA/ENSTTI experts
-Training synthesis and evaluation:
01-03 June 2022 (in Nice, however this may
also be attended on-line)
Certificate of attendance will be issued to
participants who attend the full course.

Price: No fees for INSC participants
non-INSC participants: Contact us

Code: CO1049

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Contact

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Online catalogue

www.enstti.eu/training-catalogue

Examination:

Knowledge acquisition will be evaluated
on the full course content including the
individual project. Successful candidates
will be issued with a Université Côte d'Azur/
ENSTTI Training Certificate.

Teaching methods:

Lectures by senior academic & nuclear
safety experts, case studies, discussions
and practical skills sessions will compose the
first two-and-a-half-week part of the course.
Small class size to encourage discussions and
participation. Mentor-led, discussion sessions
with participants will focus on the practical
application of classroom work and allow for
candid information and experience sharing.
Trainees will also develop, on a part time
basis and in the context of their current
professional position, a personal project on
the topic of leadership for safety, with the
support from a referent expert provided by
UCA/ENSTTI.
A final three-day training synthesis and
evaluation session will take place on 01 -
03 June 2022. This final session may be
attended online.

A USB stick containing the course material
will be provided.



OBJECTIVES

This innovative course is developed in the
frame of the European Commission Project
ELSE (European Leadership for Safety
Education).

Participants will strengthen their
understanding of leadership for safety
problematics and develop an ability to
critically and knowledgeably practice
their leadership skills in the nuclear
and radiological working environments,
characterized by inherent complexities, high
levels of regulation and often competing
considerations. Based on a multidisciplinary
approach drawing on most recent academic
research results, and including the
performance of a personal project with
oversight by a senior expert, this course is
designed to complement existing training
curricula currently provided by the nuclear
sector organizations, including IAEA.

TARGET AUDIENCE

The ELSE course is intended for professionals
from the nuclear sector (regulatory
organisations, industry or services), with
junior and mid-career managerial functions.

LEARNING OUTCOMES

The training is focused on leadership
development. Participants will:

- Acquire an in-depth comprehension
of the direct or indirect implications of
behaviours, organisational dynamics and
underlying beliefs & values on nuclear safety
performance;
- Understand and reflect on the historical
perspective, underlying mechanisms and
ethics of leadership for safety;
- Learn how to effectively exercise leadership
for safety in inherently complex and
highly regulated nuclear and radiological
environments, in both routine and
emergency situations;
- Develop a multidisciplinary as well as
international outlook on this topic, through
interactions with senior experts from
different countries, by understanding the
logic and principles behind regulatory
requirements set by the IAEA in particular,
and through lasting peer networking
opportunities.

PREREQUISITES

Participants should be in a position in their
organisation that involves operational
or functional responsibilities with safety
or radiological protection implications.
Earlier participation in initiation courses on
leadership for safety is a plus. And good
knowledge of the English language.

PROGRAM

Module 1: From regulated safety to managed safety in high-risk environments

- Managing human and organizational risk factors
 - Evolution from risk management to safety management
 - Crisis versus routine management
 - Safety culture / safety climate: academic and professional outlook
 - International safety standards in nuclear industry
- Dealing with Uncertainty in High-Reliability Organizations
 - High reliability organizations and resilience: characteristics
 - Uncertainty, complexity and organizational limits – implications for safety
 - Collective and Individual way of dealing with uncertainty
 - How to foster learning in organizations?

Module 2: Leadership for safety

- Understanding Organizational Dynamics
 - Organizational components and their interactions
 - Social and Emotional aspects of organizations – Human-Technology interactions
- Leadership: definition, mechanisms, practices
 - Leadership: Definition and historical evolution of key concepts
 - Mechanisms and practices of leadership as process
- Developing Leadership for Safety
 - From Leadership to Leadership for Safety
 - Leadership for safety in the nuclear sector context
 - Mechanisms and practices of leadership for safety

Module 3: Developing efficient leadership practices for improving safety in the nuclear sector

- Personal project
 - Application of knowledge acquired in modules 1&2 to identify and implement new leadership practices for improving safety in trainees' organizational context
 - Written report
- Oral presentation of results