

TARGET AUDIENCE & CERTIFICATION INFO

Who Should Attend?

- Engineers and Technical Experts transitioning into nuclear-related roles.
- Policymakers and Regulators involved in nuclear safety and energy planning.
- Health and Environmental Professionals addressing radiation risks.
- Corporate Leaders and Executives planning investments in nuclear power.
- Academics and Students seeking advanced certifications in nuclear engineering and law.

CERTIFICATIONS OFFERED:

- Certificate of Completion
- Advanced Certification in Nuclear Engineering & Law
- Specialized Certifications (e.g., PRA, Radiation Protection)

Key Features:

- **Hands-On Training:**
Real-world simulations and practical exercises.
- **Expert-Led Sessions:**
Learn from leading nuclear engineers, legal experts, and regulators.
- **Flexible Learning:**
Options for short courses, intermediate intensives, or semester-long programs.
- **Specialized Tracks:**
Dive into areas like SMRs, waste management, or nuclear technology in conflict zones.
- **International Perspectives:** Insights into global regulatory standards and case studies.

CONSULTANT



ENGINEER



CONSULTANT



SANDERS ENGINEERING

Empowering Nuclear Leaders:
Innovation, Safety, and Responsibility for a Better Future

Registration Information

Course Formats and Fees:

Short Course (1–2 Days): \$950
Intermediate Course (1–2 Weeks): \$2,500
Semester Course (3-Credit Equivalent): \$5,500

Dates and Locations:

In-Person & Virtual Training offered in
America | Africa | Asia | Australia | Europe

Online Format: Available live and on-demand

Registration: Discounts:

Group Discount: 10% off for groups of 5 or more.

How to Register:

Visit <https://sandersengineering.us/enrol-training>
or email the training coordinator
lorraine@sandersengineering.us

COMPREHENSIVE
NUCLEAR
TECHNOLOGY
SAFETY AND LEGAL
FRAMEWORK TRAINING



www.sandersnuclearadvisory.com

www.sandersengineering.us

Flexible course formats: Short | Intensive | Semester
“Hands-on training with real-world applications”



COMPREHENSIVE NUCLEAR TECHNOLOGY SAFETY AND LEGAL FRAMEWORK TRAINING

Virtual and Online Format

- Live-Online Classes:
- Live virtual lectures with Q&A sessions for direct engagement.
- Virtual lab software for hands-on simulations (e.g., reactor operations, PRA exercises).

On-Demand Learning Modules:

- Recorded lectures and interactive modules for asynchronous learning.
- Case studies, quizzes, and exercises tailored to each module.

Hybrid Model:

- A combination of in-person workshops and online coursework.
- Best suited for professionals needing flexibility and hands-on experience.

Comprehensive Nuclear Technology, Safety, and Legal Framework Training with Emerging Technologies Focus

Delivery Options:

- Short Courses (1–2 days): Summarized overview of critical topics for executives, policymakers, and busy professionals.
- Intermediate Courses (1–2 weeks): Intensive in-person or online sessions for professionals requiring hands-on skills and in-depth knowledge.
- Semester Courses (3-credit equivalent): Full program tailored for academics or professionals seeking deep expertise and certifications.

Program Structure:

- Short Course (1–2 Days)
- Intermediate Course (1–2 Weeks)
- Semester Course (3-Credit)

Sample Agenda (Short Course):

- Day 1: Fundamentals, Radiation Safety, Case Studies
- Day 2: Regulatory Frameworks, Nuclear Security, Emerging Tech



Module Highlights

- Fundamentals of Nuclear Engineering
- Monte Carlo Methods
- Radiation Protection & Shielding
- Nuclear Law & Liability
- Security in Conflict Zones
- SMRs, Fusion, Thorium Workshops



Inside a Nuclear Power Plant

