



The Program of NRA Human Resource Development
(ANSET-CP: Advanced Nuclear 3S Education and Training in Cyber-Physical Space)

AY2025 1st Semester

APPLICATION FOR CERTIFICATE

APPLICATION REQUIREMENTS

1. To Be Enrolled in the Graduate School of INSTITUTE OF SCIENCE TOKYO
 2. To Satisfy the Completion Requirements as Follows:
 - (1) More Than **2 Courses Including the Required 2 Courses** in 3S Lectures,
 - (2) More Than **2 Courses** in 3S Exercises or **1 Course** in Case Participating in 3S Internship, and
- ※ Exceptional : For the 3S Lecture, 3S Exercise, and 3S Internship, a completion of equivalent courses in other universities or an equivalent working experience of more than one year can be included in the requirements.

3S Lecture Courses (● Required)

- NCL.O401 : Nuclear Non-proliferation and Security *
- NCL.N407 : Nuclear System Safety Engineering *
- TIM.C510 : Science, Technology and Innovation Policy Analysis I : The Politics of Nuclear Non-Proliferation *

3S Exercise Courses

- NCL.N410 : Nuclear Reactor Physics, Radiation Measurement and Nuclear Security Laboratory *
- NCL.D407 : Experiment on Thermalhydraulic and Severe Accident Engineering *
- NCL.D401/D402 : Experiments for Material Engineering in Nuclear Non-proliferation and Decommissioning A/B
- NCL.D405/D406 : Experiments for Chemistry in Nuclear Non-proliferation, Fuel Debris and Back-end Fuel Cycle A/B
- NCL.O608 : Nuclear Plant Cyber Security Exercise
- NCL.O609 : Nuclear Plant Physical Security Exercise
- NCL.O610 : Nuclear Disaster Response Exercise

* For More Details on the Replacement Courses, See the Form of ACCOMPLISHMENT REPORT below

APPLICATION FORMS

- (1) **APPLICATION FORM** *,
- (2) **ACCOMPLISHMENT REPORT** * Summarizing Completion of the ANSET-CP Curriculum,
- (3) **ACADEMIC TRANSCRIPT** Verifying the ANSET-CP Curriculum Completion, and
- (4) Documents Confirming the Internship and/or Exceptional Requirements as Necessary.

* Forms: <https://anset-cp.zc.iir.isct.ac.jp/en/download>

APPLICATION



Submission : <https://science-tokyo.app.box.com/f/ca5d94286aaa4f3b80cfaafedca61b84>

Deadline : **September 3 (Wed), 2025**

AWARD

Awarded in the Degree Award Ceremony of Nuclear Engineering on **Sept 22 (Mon), 2025**

CONTACT

ANSET-CP (Advanced Nuclear 3S Education and Training in Cyber-Physical Space)
Laboratory for Zero-Carbon Energy, Institute of Science Tokyo
03-5734-2034 / anset-cp@zc.iir.isct.ac.jp / <https://anset-cp.zc.iir.isct.ac.jp>