

PROSPECTUS

INSA International Training Course

- Theme: Cybersecurity for Physical Protection Support Personnel at Nuclear Facilities

■ Overview

• Date	27 November – 1 December, 2023
• Organizers	Korea Institute of Nuclear Nonproliferation and Control (KINAC) in cooperation with the Nuclear Safety and Security Commission (NSSC) of the Republic of Korea (ROK) under the umbrella of ROK-US PCG
• Venue	International Nuclear Nonproliferation and Security Academy (INSA), 1418 Yuseong-daero, Yuseong-gu, Daejeon, Republic of Korea
• Language	The course will be conducted in English.

■ Participation

• Number of Participants	The course will be open to 2 people from each country with a maximum of 20 participants.
• Participant's Qualification	The course is intended for individuals who have background in physical protection of nuclear material and nuclear facilities, with a minimum of 1-year work experience. This course is for those to gain a general understanding of cybersecurity.
• Application Procedure	Applicants should submit the attached nomination form to the established official channel (competent authority such as the Ministry of Foreign Affairs or the national atomic energy related authority) by 15 September, 2023 . The official channel should endorse the form and send it to the Embassy of the ROK. Applicants will be notified their selection results through email by KINAC no later than 13 October, 2023 .
• Financial Arrangements	Participants are eligible to apply for financial assistance funded by the KINAC. Applicants should indicate their request for financial assistance in the nomination form. However, the request for financial assistance may not be accepted for all applicants, depending on the budget. Travel grants include the round-trip flight (economy class e-tickets provided by the KINAC) between the participant's nearest international airport and the international airport in the ROK, accommodations around the venue (the hotel booked by the KINAC), and/or daily allowances (covering meals and transportation expenses) between 26 November and 1 December.
• ROK visa information	An invitation letter from the KINAC will be sent to those participants in need of a visa.

■ Course

• Purpose of the course	The course is designed to raise awareness of cybersecurity risks in physical protection systems (PPS) utilizing digitalization due to the increase in scientific security facilities such as access control, surveillance, intrusion, systems. Through this course the person who supports physical protection will learn about cybersecurity risk management including cyber vulnerabilities and countermeasures of the PPS.
• Nature of the course	The course consists of lectures and subgroup exercises which utilize the hands-on specialized equipment and Nuclear Security Research, Training and Test Facility (SETT) at INSA. Participants will be divided into several groups to work together for subgroup exercises. The subgroup sessions provide the participants with the opportunity to apply the lecture material to practical situations.
• Course Description	<p>Main topics of the course include:</p> <ul style="list-style-type: none"> - Cybersecurity Fundamentals - Digital Technology in PPS - SETT facilities tour and vulnerability discussion - Cybersecurity vulnerabilities within PPS - Cybersecurity Controls for PPS - PPS operation/attack/protection Exercise by hands on equipment

■ Contact

• Course Director	<p>Dr. Sunyoung Chang International Nuclear Nonproliferation and Security Academy Korea Institute of Nuclear Nonproliferation and Control 1418 Yuseong-daero, Yuseong-gu, Daejeon 34101, Republic of Korea Tel : +82-42-860-9743, Fax: +82-42-860-9859 Email: sychang@kinac.re.kr</p>
• Coordinator	<p>Mr. Donghyun Kim International Nuclear Nonproliferation and Security Academy Korea Institute of Nuclear Nonproliferation and Control 1418 Yuseong-daero, Yuseong-gu, Daejeon 34101, Republic of Korea Tel : +82-42-860-9778, Fax: +82-42-860-9859 Email: dhkim@kinac.re.kr</p>
• Scientific Secretary	<p>Mr. Jaekwang Kim International Nuclear Nonproliferation and Security Academy Korea Institute of Nuclear Nonproliferation and Control 1418 Yuseong-daero, Yuseong-gu, Daejeon 34101, Republic of Korea Tel : +82-42-860-9784, Fax: +82-42-860-9859 Email: jgwang@kinac.re.kr</p> <p>Mr. Chaechang Lee International Nuclear Nonproliferation and Security Academy Korea Institute of Nuclear Nonproliferation and Control 1418 Yuseong-daero, Yuseong-gu, Daejeon 34101, Republic of Korea Tel : +82-42-860-9730, Fax: +82-42-860-9859 Email: chiching@kinac.re.kr</p>



Korea Institute of Nuclear Nonproliferation and Control
INTERNATIONAL NUCLEAR NONPROLIFERATION AND SECURITY ACADEMY
1418 Yuseong-daero, Yuseong-gu, Daejeon 34101, Korea
FAX : +82-42-860-9859
(Please write and complete the form clearly.)

<u>NOMINATION FORM</u>						photo
I. TITLE OF COURSE : _____						
II. PERSONAL DATA						
Full Name on Passport : <input type="checkbox"/> Mr <input type="checkbox"/> Ms						
First		Middle		Last(surname)		
Date of Birth				Nationality		
Month	Day	Year				
Passport				Airport Departure		
Number	Date of Issue	Date of Expiry				
Mobile No : _____ E-mail Address(in block letters) : _____ (Secondary E-mail, optional) _____						
Emergency Contact - Name : _____ Tel No : _____						
III. EMPLOYMENT AND EDUCATION						
Present Position/Title : _____						
Department or Division : _____						
Name of Organization/Acronym : _____						
Address : _____						
Tel No : _____ Fax No : _____						
Country code Area code Number Country code Area code Number						
Type of Organization : <input type="checkbox"/> Government/Public <input type="checkbox"/> Private <input type="checkbox"/> International <input type="checkbox"/> Other						
Term of Employment : from ____ / ____ / ____ to present						
Describe your present duties : _____ _____						
Describe your expectation from this training course : _____ _____						
Career (past 5years)						
Name of Organization	From		To		Position/Responsibilities	
	month/year		month/year			
	/		/			
	/		/			
	/		/			
Education and training						
Name of Institution	From		To		Field of study and Degree	
	month/year		month/year			
	/		/			
	/		/			
	/		/			

Former Training Course on this field: ☐ Yes ☐ No

Course Title : _____

Organization: _____

Period: ____ / ____ / ____ - ____ / ____ / ____

Former Training in Korea (if any): ☐ Yes ☐ No

Program: _____

Organization: _____

Period: ____ / ____ / ____ - ____ / ____ / ____

IV. ENGLISH PROFICIENCY

Mother Tongue : _____

Other Languages : _____

	Excellent	Good	Fair	Poor	Remarks
Listening					
Speaking					
Writing					
Reading					

V. MEDICAL CERTIFICATE

I, as a qualified medical doctor, hereby certify that I have examined the above applicant and found him/her in good health, free from infectious diseases and able physically and mentally to carry out any relevant duties away from his/her home.

Date : _____

Name of examiner : _____

Signature : _____

VI. APPLICANT'S RESPONSIBILITIES

If accepted as a participant, I agree:

- 1) to follow the training program to the best of my ability and abide by the rules of the Korea Institute of Nuclear Nonproliferation and Control (KINAC);
- 2) to refrain from engaging in political activities, or any form of employment for profit or gain;
- 3) to return to my home country upon completion of my training program and to resume work in my country;
- 4) to accept that the KINAC is not liable for any damage or loss of my personal property; and
- 5) to accept that the KINAC will not assume any responsibility for illness, injury, or death arising from extracurricular activities, willful misconduct, or undisclosed pre-existing medical conditions;

Applicant's Name: _____ Signature: _____

VII. REQUEST FOR FINANCIAL ASSISTANCE

I apply for financial assistance from the KINAC:

☐ Round-trip flight (e-tickets) ☐ Accommodations (the hotel booked by KINAC) ☐ Daily allowances (per diem)

VIII. OFFICIAL NOMINATION

The Government of _____ (Name of Country) officially nominates

_____ (Full Name of Applicant) for participation in _____ (Name of Training Course)

organized by the KINAC, and certifies that:

All information supplied by the applicant is complete and correct.

Name of Organization: _____

Position/Title: _____

Name of Authorized Official: _____

Date: _____

Signature: _____

초청대상 국가 및 인원 [INSA 국제교육]

□ 교육 개요

- 교육명: 물리적방호 종사자를 위한 사이버보안 국제교육
(Theme: Cybersecurity for Physical Protection Support Personnel at Nuclear Facilities)
- 교육일정: 2023. 11.27. - 12. 1.
- 교육대상: 원자력협력국 및 신흥원자력도입국의 '원자력시설의 사이버 보안 분야' 관련 정부 및 유관기관 관계자 등 20여명

□ 참가신청서 접수 안내

- 참가신청서 접수: 2023.9.15.(금) 마감
- 교육대상자 선정/통보: 2023.10.13.(금)

□ 초청 국가(국가별 2명 내외)

- 아시아
 - 베트남, 인도네시아, 필리핀, 말레이시아, 태국, 카자흐스탄 등
- 중동
 - UAE, 요르단, 사우디아라비아, 튀르키예 등
- 동유럽
 - 체코, 폴란드, 슬로바키아, 헝가리 등
- 아프리카
 - 이집트, 모로코, 남아공 등

□ 기타사항

- 수용인원에 여유가 있는 경우, 국가별 참석자는 최대 3인까지 가능
- 기타 문의: 김동현 선임기술원(042-860-9778, dhkim@kinac.rc.kr)