



**WINSACADEMY**

The **WINS Academy** Security Certification Programme

# THE ROUTE TO DEMONSTRABLE COMPETENCE

Acquire the training you need  
to become a certified  
nuclear security professional

**FOR COURSE PARTICIPANTS**



# The opportunity

Through the WINS Academy, you can now receive training, certification and professional recognition to demonstrate your leadership and expertise.

The challenges inherent in managing nuclear and radiological materials are complex and growing. Ensuring that such materials remain secure requires effective and competent managers.

## Why is certification necessary?

Certification requirements in fields such as medicine, law and engineering demonstrate that practitioners meet the necessary educational and vocational standards required by their professional bodies to perform their jobs.

Certification has numerous benefits for these professionals. For example, it:

- **Demonstrates their credibility and competence**
- **Conveys their professionalism and ethical standards**
- **Provides an objective measurement of their knowledge, skills and abilities internationally and across all organisations**

**Nuclear safety professionals** undergo extensive training in their specific areas, and many – such as engineers – are certified. Furthermore, they have numerous opportunities to obtain additional, ongoing training.

Unfortunately, there are no accredited courses and no structure of required competences for **professionals with accountabilities for nuclear security**.

The WINS Academy has been launched to address this situation.

*“The future development of nuclear security experts requires a comprehensive combination of suitable qualification and experience”*

– **Dr. Philip Beeley**, Professor of Practice and Program Chair, Nuclear Engineering, GNEII Director, Khalifa University of Science, Technology & Research

# Who should participate?

The WINS Academy training and certification programme is targeted at professionals who have management responsibilities for nuclear and radiological materials.

This includes:

- Senior Administrators and Board Directors
- Executive Managers
- Security Programme Managers
- Scientists, Technicians and Engineers
- Radioactive Materials Managers
- Response Force Managers
- Regulators
- Civil Society engagement

## If you want to ...

- **Improve the effectiveness of nuclear security in your organisation**
- **Provide objective validation of your professional competence**
- **Enhance your ability to lead**
- **Demonstrate your commitment to your career and to those whom you manage**
- **Improve your personal job satisfaction and performance**
- **Increase your salary and employment opportunities**
- **Strengthen your reputation among your peers**
- **Gain access to worldwide professional networking opportunities**

**... become certified!**

*“This is a full fledged course, excellent for preparing Scientists, Technicians and Engineers to effectively engage in nuclear security”*

– Kaoru Naito, President, Nuclear Material Control Center  
[about the Elective Module for Scientists, Technicians and Engineers]

# About the WINS Academy

WINS Academy's programme consists of two parts: the Foundation Module and an Elective Module. The Foundation Module lays out the basic principles and context necessary to all managers with nuclear security responsibilities. After completing this module, students will choose the Elective Module that best matches their specific job functions and responsibilities.

The course modules are currently under development. The first modules will be launched coincident with the Nuclear Security Summit to be held in the Netherlands in March 2014. The entire programme of modules will be available online by the end of 2014.

## MODULES AND THEIR PLANNED RELEASE DATES

APRIL 2014	JULY 2014	OCTOBER 2014
Foundation Module	Elective for Executive Managers	Elective for Security Programme Managers
Elective for Senior Administrators and Board Directors	Elective for Radioactive Materials Managers	Elective for Regulators
Elective for Scientists, Technicians and Engineers	Elective for Response Force Managers	Elective for Civil Society Communication

## OUR VISION

All personnel with management accountabilities for nuclear security are demonstrably competent and provided with opportunities to become professionally certified.

## OUR MISSION

To be the catalyst for professional development, knowledge exchange and leadership innovation in nuclear security management.

## OUR PRIVACY POLICY

We only use unclassified information in our modules and resources. Course participants are never asked to disclose any restricted information.

## IAEA GUIDANCE

The WINS Academy supports IAEA guidance, including the Nuclear Security Recommendations on Physical Protection of Nuclear Material and Nuclear Facilities of the IAEA (INFCIRC 225 Revision 5).

# How the programme works

## ONLINE AND BLENDED LEARNING

WINS Academy's programme will be available both online and at nuclear security training centres around the world. Students will do most of their work online, then have the opportunity to go to a partner training centre to do simulations, role plays and additional exercises.

We partner with Pearson, the world's leading learning company, to deliver our online courses and certification tests. Pearson works with education institutions, organisations, corporations, associations and government agencies to create effective solutions that are aligned to professional development goals. Pearson serves learners of all ages around the globe, employing 41,000 people in more than 70 countries.

## TRAINING MATERIALS

Skilled, experienced subject matter experts write the course materials using evidence-based research, best practices, case studies and real-life scenarios. Once complete, each course is sent to peer reviewers around the world for content and professional educational assessment. Then the course is professionally designed and edited.

## TESTING AND CERTIFICATION

Once students complete the Foundation Module and one Election Module, they will have the option to sit for an exam in one of over 6,000 local accredited test centres in 177 countries. Students who pass the exams will receive certification from WINS.



# Get in Touch with the WINS Academy

To learn more about the opportunities our programme offers professionals with nuclear security management responsibilities, please go to [www.wins.org/academy](http://www.wins.org/academy).

You can also contact us by email at [thewinsacademy@wins.org](mailto:thewinsacademy@wins.org)

*“WINS fills an urgent gap in our need to strengthen the nuclear security system”*

– Dr. Mohamed ElBaradei,  
Nobel Peace Prize winner and former Director General of the IAEA

*“What makes WINS different is that it really understands that security has to be part of an organisation’s strategy and an all-hazards approach to risk management”*

– Paul Harding,  
Executive Commercial Director for Urenco Enrichment Company, United Kingdom

*“Through WINS, nuclear professionals are determining the world’s best security practices for dealing with their facilities and materials and sharing that information to improve effectiveness globally”*

– Sam Nunn,  
former U.S. Senator and Co-Chair of the Nuclear Threat Initiative

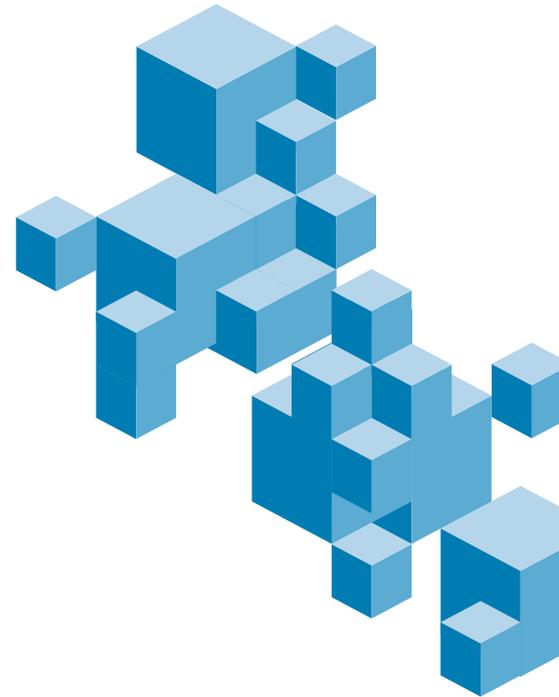
# About WINS

The World Institute for Nuclear Security (WINS) was launched in September 2008 coincident with the General Conference of the International Atomic Energy Agency (IAEA) as an international nongovernmental organisation (INGO).

Our mission is to provide an international forum where those who are accountable for nuclear security can learn, share, promote and implement best security practices.

In just a few short years, WINS has established itself as a leader in the field. Some of our accomplishments include:

- Growing to more than **1800 members** from over **95 countries**
- Writing more than **30 International Best Practice Guides** and publishing them in up to **10 languages**
- Delivering more than **50 best practice workshops** around the world
- Achieving **ISO9001:2008 certification** for our quality management processes



**99%** of our Members say that WINS is a valuable forum.

**91%** of our Members have modified their approaches to security as a result of their membership in WINS



**WINSACADEMY**

## WINS SUPPORTERS



JOHNS HOPKINS  
UNIVERSITY

MacArthur  
Foundation



Bruce Power



ureenco



EDUCATION PARTNER

PEARSON

World Institute for Nuclear Security (WINS)

Graben 19, A-1010 Vienna (Austria) | Tel.: +43 1 23060 6083 | Fax: +43 1 23060 6089

Email: [info@wins.org](mailto:info@wins.org) | Internet: [www.wins.org](http://www.wins.org)

International NGO under the Austrian Law BGBl. | Nr.174/1992 GZ: BMeiA-N9.8.19.12/0017-I.2/2010

2014 © World Institute for Nuclear Security (WINS) | All rights reserved. Design by RAUM3 print.web.mobile