Garnet
Garnet Global Training Center

GGT-NR-122

Nuclear & Radiation Safety **Rare specialisation**

Nuclear Safeguards & Non-Proliferation

الضمانات النووية وعدم الانتشار

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Nuclear Safeguards & Non-Proliferation turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Safe use of radiation sources in industry, medicine and energy, aligned with international safety standards. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Nuclear Safeguards & Non-Proliferation to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

Who should attend

Radiation protection officers, industrial radiographers, medical physicists and nuclear sector staff. Practitioners with one to five years of experience benefit most.

Key topics

- Radiation physics basics
- Dose limits and regulation
- Shielding and monitoring
- Source security
- Emergency planning
- Waste and transport

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Nuclear Safeguards & Non-Proliferation: principles and standards

- Waste and transport
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Radiation physics basics
- Dose limits and regulation

Day 3 Diagnosis and problem solving

- Shielding and monitoring
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Source security
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Emergency planning
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Nuclear Safeguards & Non-Proliferation: principles and standards

- Waste and transport
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Radiation physics basics
- Dose limits and regulation

Day 3 Diagnosis and problem solving

- Shielding and monitoring
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Source security
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Emergency planning
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Regional and international case studies

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
4–8 Jan 2027	5-day online	Live online	English	2,950
15–26 Feb 2027	10-day classroom	Barcelona	English	8,950
18–22 Apr 2027	5-day classroom	Manama	English	4,750
17–21 Oct 2027	5-day classroom	Doha	Arabic	4,750
3–7 Jan 2028	5-day classroom	Abu Dhabi	English	4,750
15–19 May 2028	5-day classroom	London	English	4,750
5–16 Jun 2028	10-day online	Live online	Arabic	5,450
4–15 Sep 2028	10-day classroom	Istanbul	English	8,950
8–12 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
20–31 May 2029	10-day classroom	Riyadh	English	8,950
10–14 Sep 2029	5-day classroom	Dubai	English	4,750
15–19 Oct 2029	5-day classroom	London	English	4,750
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
6–10 May 2030	5-day classroom	Barcelona	English	4,750
3–7 Jun 2030	5-day classroom	Abu Dhabi	English	4,750
11–22 Nov 2030	10-day classroom	Kuala Lumpur	English	8,950

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/