Garnet
Garnet Global Training Center

GGT-NR-107

Nuclear & Radiation Safety **Rare specialisation**

Radioactive Source Security

أمن المصادر المشعة

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

Overview

Participants in Radioactive Source Security practise the methods, tools and standards they need to perform reliably and solve problems on the job. Safe use of radiation sources in industry, medicine and energy, aligned with international safety standards. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Radioactive Source Security to real tasks.
- 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.
- Follow safe, compliant and documented work practices.

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 Radioactive Source Security: principles and standards

- Radiation physics basics
- Measurement and reporting

Day 2 Methods and tools in practice

- Dose limits and regulation
- Shielding and monitoring

Day 3 Diagnosis and problem solving

- Source security
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Emergency planning
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Waste and transport
- Regional and international case studies

10-day outline

Day 1 Radioactive Source Security: principles and standards

- Radiation physics basics
- Measurement and reporting

Day 2 Methods and tools in practice

- Dose limits and regulation
- Shielding and monitoring

Day 3 Diagnosis and problem solving

- Source security
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Emergency planning
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Waste and transport
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
7–11 Feb 2027	5-day classroom	Kuwait City	Arabic	4,750
15–19 Mar 2027	5-day online	Live online	Arabic	2,950
20–24 Sep 2027	5-day classroom	Paris	English	4,750
10–21 Oct 2027	10-day classroom	Cairo	Arabic	8,950
10–14 Jan 2028	5-day classroom	Kuala Lumpur	English	4,750
15–19 May 2028	5-day classroom	Vienna	English	4,750
5–16 Jun 2028	10-day online	Live online	English	5,450
20–31 Aug 2028	10-day classroom	Doha	English	8,950
11–22 Feb 2029	10-day classroom	Jeddah	English	8,950

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day online	Live online	English	2,950
16–20 Jul 2029	5-day classroom	Dubai	English	4,750
16–20 Sep 2029	5-day classroom	Amman	Arabic	4,750
3–7 Mar 2030	5-day classroom	Manama	Arabic	4,750
15–19 Apr 2030	5-day classroom	London	English	4,750
16–27 Jun 2030	10-day classroom	Riyadh	English	8,950
2–13 Sep 2030	10-day online	Live online	Arabic	5,450

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