Garnet
Garnet Global Training Center

GGT-NR-121

Nuclear & Radiation Safety

Radiation Safety for Security Screening

السلامة الإشعاعية في أجهزة الفحص الأمني

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

Overview

Radiation Safety for Security Screening focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 Radiation Safety for Security Screening to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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 Radiation Safety for Security Screening: 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 Radiation Safety for Security Screening: 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)
4–8 Jan 2027	5-day online	Live online	Arabic	2,950
16–20 May 2027	5-day classroom	Muscat	English	4,750
6–10 Jun 2027	5-day classroom	Cairo	English	4,750
19–30 Sep 2027	10-day classroom	Kuwait City	English	8,950
16–27 Apr 2028	10-day classroom	Riyadh	Arabic	8,950
5–9 Jun 2028	5-day classroom	Dubai	Arabic	4,750
18–29 Sep 2028	10-day online	Live online	Arabic	5,450
15–19 Oct 2028	5-day classroom	Amman	Arabic	4,750
19–23 Mar 2029	5-day classroom	Vienna	English	4,750

Dates	Format	City	Language	Fee (USD)
16–27 Apr 2029	10-day classroom	Abu Dhabi	English	8,950
13–17 Aug 2029	5-day online	Live online	Arabic	2,950
2–6 Sep 2029	5-day classroom	Riyadh	English	4,750
21–25 Apr 2030	5-day classroom	Riyadh	Arabic	4,750
20–24 May 2030	5-day classroom	Istanbul	English	4,750
15–26 Jul 2030	10-day classroom	London	English	8,950
4–15 Nov 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/