Garnet
Garnet Global Training Center

GGT-NR-102

Nuclear & Radiation Safety

Radiation Protection Officer Program

برنامج مسؤول الوقاية من الإشعاع

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

Overview

Radiation Protection Officer Program equips managers and specialists to plan, organise and control this area of work, set targets and measure results. 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

- Set up and run Radiation Protection Officer Program as a managed process with clear roles.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.

Who should attend

Radiation protection officers, industrial radiographers, medical physicists and nuclear sector staff. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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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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 Protection Officer Program: the management framework

- Dose limits and regulation
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Shielding and monitoring
- Source security

Day 3 Performance measurement and control

- Emergency planning
- Measurement and reporting

Day 4 Risk, compliance and improvement

- Waste and transport
- Hands-on workshop on a workplace challenge

Day 5 Management case study and action plan

- Radiation physics basics
- Common mistakes and how to avoid them

10-day outline

Day 1 Radiation Protection Officer Program: the management framework

- Dose limits and regulation
- Group discussion and peer review

Day 2 Planning, resources and budgets

- Shielding and monitoring
- Source security

Day 3 Performance measurement and control

- Emergency planning
- Measurement and reporting

Day 4 Risk, compliance and improvement

- Waste and transport
- Hands-on workshop on a workplace challenge

Day 5 Management case study and action plan

- Radiation physics basics
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
15–19 Mar 2027	5-day online	Live online	English	2,950
6–17 Jun 2027	10-day classroom	Cairo	Arabic	8,950
5–9 Jul 2027	5-day classroom	Amsterdam	English	4,750
8–12 Nov 2027	5-day classroom	Vienna	English	4,750
1–12 May 2028	10-day online	Live online	Arabic	5,450
10–14 Jul 2028	5-day classroom	Singapore	English	4,750
13–17 Nov 2028	5-day classroom	Istanbul	English	4,750
3–14 Dec 2028	10-day classroom	Amman	Arabic	8,950
13–17 May 2029	5-day classroom	Riyadh	English	4,750

Dates	Format	City	Language	Fee (USD)
11–22 Jun 2029	10-day classroom	Abu Dhabi	Arabic	8,950
3–7 Sep 2029	5-day online	Live online	English	2,950
10–14 Dec 2029	5-day classroom	Istanbul	English	4,750
21 Apr – 2 May 2030	10-day classroom	Cairo	Arabic	8,950
6–10 May 2030	5-day classroom	Barcelona	English	4,750
1–5 Sep 2030	5-day classroom	Jeddah	English	4,750
7–18 Oct 2030	10-day online	Live online	English	5,450

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