Garnet
Garnet Global Training Center

GGT-NR-108

Nuclear & Radiation Safety

Radiation Monitoring & Dosimetry

رصد الإشعاع وقياس الجرعات

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

Overview

Participants in Radiation Monitoring & Dosimetry 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. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Radiation Monitoring & Dosimetry to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Monitoring & Dosimetry: principles and standards

- Source security
- Measurement and reporting

Day 2 Methods and tools in practice

- Emergency planning
- Waste and transport

Day 3 Diagnosis and problem solving

- Radiation physics basics
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Dose limits and regulation
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Shielding and monitoring
- Regional and international case studies

10-day outline

Day 1 Radiation Monitoring & Dosimetry: principles and standards

- Source security
- Measurement and reporting

Day 2 Methods and tools in practice

- Emergency planning
- Waste and transport

Day 3 Diagnosis and problem solving

- Radiation physics basics
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Dose limits and regulation
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Shielding and monitoring
- 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)
8–19 Mar 2027	10-day classroom	London	English	8,950
4–8 Apr 2027	5-day classroom	Manama	Arabic	4,750
18–22 Jul 2027	5-day classroom	Cairo	English	4,750
20–24 Dec 2027	5-day online	Live online	Arabic	2,950
3–14 Jan 2028	10-day classroom	Istanbul	English	8,950
15–19 May 2028	5-day classroom	Abu Dhabi	English	4,750
10–21 Jul 2028	10-day online	Live online	English	5,450
6–10 Aug 2028	5-day classroom	Riyadh	Arabic	4,750
12–16 Feb 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
2–6 Apr 2029	5-day classroom	Amsterdam	English	4,750
19–23 Nov 2029	5-day online	Live online	English	2,950
10–21 Dec 2029	10-day classroom	Casablanca	Arabic	8,950
20–24 Jan 2030	5-day classroom	Cairo	English	4,750
8–19 Apr 2030	10-day online	Live online	English	5,450
5–9 Aug 2030	5-day classroom	Dubai	English	4,750
7–18 Oct 2030	10-day classroom	Amsterdam	English	8,950

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