Garnet
Garnet Global Training Center

GGT-NR-110

Nuclear & Radiation Safety **Rare specialisation**

Transport of Radioactive Material

نقل المواد المشعة

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

Overview

Transport of Radioactive Material 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. 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 Transport of Radioactive Material 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 Transport of Radioactive Material: principles and standards

- Source security
- Group discussion and peer review

Day 2 Methods and tools in practice

- Emergency planning
- Waste and transport

Day 3 Diagnosis and problem solving

- Radiation physics basics
- Measurement and reporting

Day 4 Quality, safety and documentation

- Dose limits and regulation
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Shielding and monitoring
- Common mistakes and how to avoid them

10-day outline

Day 1 Transport of Radioactive Material: principles and standards

- Source security
- Group discussion and peer review

Day 2 Methods and tools in practice

- Emergency planning
- Waste and transport

Day 3 Diagnosis and problem solving

- Radiation physics basics
- Measurement and reporting

Day 4 Quality, safety and documentation

- Dose limits and regulation
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Shielding and monitoring
- 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)
12–16 Apr 2027	5-day classroom	Singapore	English	4,750
5–16 Jul 2027	10-day classroom	Istanbul	English	8,950
20–24 Sep 2027	5-day online	Live online	English	2,950
8–12 Nov 2027	5-day classroom	Abu Dhabi	Arabic	4,750
2–13 Jan 2028	10-day classroom	Muscat	English	8,950
17–21 Jul 2028	5-day classroom	Kuala Lumpur	English	4,750
13–17 Nov 2028	5-day classroom	Dubai	English	4,750
11–22 Dec 2028	10-day online	Live online	English	5,450
19–23 Feb 2029	5-day classroom	Abu Dhabi	English	4,750

Dates	Format	City	Language	Fee (USD)
11–22 Jun 2029	10-day classroom	London	English	8,950
17–21 Sep 2029	5-day online	Live online	Arabic	2,950
17–21 Dec 2029	5-day classroom	Kuala Lumpur	English	4,750
1–12 Apr 2030	10-day online	Live online	English	5,450
9–13 Sep 2030	5-day classroom	London	English	4,750
7–11 Oct 2030	5-day classroom	Kuala Lumpur	English	4,750
17–28 Nov 2030	10-day classroom	Jeddah	Arabic	8,950

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