



Nuclear Power Fundamentals Masterclass

Energy, Power & Renewables

QGT-ENR-173 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Nuclear Power Fundamentals Masterclass is a senior-level masterclass on strategy and performance in Nuclear Power Fundamentals. It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Nuclear Power Fundamentals
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for power plant staff, energy managers, sustainability teams and engineers in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Nuclear Power Fundamentals

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
11–15 Jan 2027	Baku	Classroom	5 days	\$5,500
18–29 Jan 2027	Berlin	Classroom	10 days	\$9,900
8–12 Feb 2027	Barcelona	Classroom	5 days	\$5,500
14–25 Jun 2027	Singapore	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
12–16 Jun 2028	Tunis	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Singapore	Classroom	10 days	\$9,900
17–21 Jul 2028	Sharjah	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Rome	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2029	Doha	Classroom	5 days	\$5,500
26 Feb – 9 Mar 2029	Dubai	Classroom	10 days	\$9,900
12–16 Mar 2029	Madrid	Classroom	5 days	\$5,500
9–20 Jul 2029	Johannesburg	Classroom	10 days	\$9,900
16–20 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
27–31 Jan 2030	Kuwait City	Classroom	5 days	\$5,500
17–28 Feb 2030	Erbil	Classroom	10 days	\$9,900
5–9 Aug 2030	Abu Dhabi	Classroom	5 days	\$5,500
7–18 Oct 2030	Kuala Lumpur	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/nuclear-power-fundamentals-masterclass/>

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