



Consequence Modeling & QRA: Practical Workshop

HSE & Process Safety

QGT-HSE-177 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Consequence Modeling & QRA: Practical Workshop is a hands-on workshop built around exercises and real site problems in Consequence Modeling & QRA. It covers the principles, the requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA, 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 Consequence Modeling & QRA
- Apply the relevant requirements of OSHA, ISO 45001, CCPS, IEC 61882 and NFPA
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for HSE professionals, supervisors, engineers and managers who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Consequence Modeling & QRA scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
17–21 Jan 2027	Sharm El Sheikh	Classroom	5 days	\$5,500
25 Jan – 5 Feb 2027	Prague	Classroom	10 days	\$9,900
28 Feb – 4 Mar 2027	Algiers	Classroom	5 days	\$5,500
26 Apr – 7 May 2027	Bangkok	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Milan	Classroom	5 days	\$5,500
8–19 May 2028	Brussels	Classroom	10 days	\$9,900
10–14 Jul 2028	Rome	Classroom	5 days	\$5,500
16–27 Jul 2028	Manama	Classroom	10 days	\$9,900
4–8 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
7–11 May 2029	Paris	Classroom	5 days	\$5,500
10–21 Jun 2029	Alexandria	Classroom	10 days	\$9,900
6–10 Aug 2029	Kigali	Classroom	5 days	\$5,500
19–30 Aug 2029	Salalah	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
29 Apr – 3 May 2030	Tunis	Classroom	5 days	\$5,500
26 May – 6 Jun 2030	Muscat	Classroom	10 days	\$9,900
22–26 Jul 2030	Prague	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Copenhagen	Classroom	10 days	\$9,900
23–27 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/consequence-modeling-and-qra-practical-workshop/>

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