



Consequence Modeling & QRA Masterclass

HSE & Process Safety

QGT-HSE-203 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Consequence Modeling & QRA Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for HSE professionals, supervisors, engineers and managers in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Consequence Modeling & QRA

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
18–22 Jan 2027	Milan	Classroom	5 days	\$5,500
15–26 Feb 2027	Madrid	Classroom	10 days	\$9,900
12–16 Apr 2027	Manchester	Classroom	5 days	\$5,500
9–20 Aug 2027	Cape Town	Classroom	10 days	\$9,900
16–20 Aug 2027	Online (live)	Online (live)	5 days	\$3,000
28 Feb – 3 Mar 2028	Cape Town	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Lagos	Classroom	10 days	\$9,900
3–7 Jul 2028	Zurich	Classroom	5 days	\$5,500
14–25 Aug 2028	Budapest	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Lisbon	Classroom	5 days	\$5,500
4–15 Mar 2029	Al Khobar	Classroom	10 days	\$9,900
12–16 Aug 2029	Kuwait City	Classroom	5 days	\$5,500
11–22 Nov 2029	Muscat	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Feb 2030	Doha	Classroom	5 days	\$5,500
29 Apr – 10 May 2030	Paris	Classroom	10 days	\$9,900
12–16 Aug 2030	Singapore	Classroom	5 days	\$5,500
14–25 Oct 2030	Johannesburg	Classroom	10 days	\$9,900
18–22 Nov 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-masterclass/>

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