



Welding Technology & Metallurgy Masterclass

Welding, NDT & Materials

QGT-WLD-170 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Welding Technology & Metallurgy Masterclass is a senior-level masterclass on strategy and performance in Welding Technology & Metallurgy. It covers the principles, the requirements of AWS D1.1, ASME IX, ISO 9712 and ASNT SNT-TC-1A, 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 Welding Technology & Metallurgy
- Apply the relevant requirements of AWS D1.1, ASME IX, ISO 9712 and ASNT SNT-TC-1A
- 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 welding engineers, inspectors, NDT technicians and materials specialists in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Welding Technology & Metallurgy

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
15–19 Feb 2027	Barcelona	Classroom	5 days	\$5,500
19–30 Apr 2027	Vienna	Classroom	10 days	\$9,900
26–30 Jul 2027	Berlin	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Kuala Lumpur	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
21–25 Feb 2028	Abu Dhabi	Classroom	5 days	\$5,500
7–18 May 2028	Erbil	Classroom	10 days	\$9,900
15–19 May 2028	Kuala Lumpur	Classroom	5 days	\$5,500
21 Aug – 1 Sep 2028	Stockholm	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2029	Al Khobar	Classroom	5 days	\$5,500
14–25 May 2029	Barcelona	Classroom	10 days	\$9,900
24–28 Jun 2029	Erbil	Classroom	5 days	\$5,500
24 Sep – 5 Oct 2029	Cape Town	Classroom	10 days	\$9,900
15–19 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2030	Paris	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2030	Abu Dhabi	Classroom	10 days	\$9,900
6–10 May 2030	Cape Town	Classroom	5 days	\$5,500
3–14 Jun 2030	Tbilisi	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/welding-technology-and-metallurgy-masterclass/>

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