



Thermal Spray & Hardfacing Masterclass

Welding, NDT & Materials

QGT-WLD-192 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Thermal Spray & Hardfacing Masterclass is a senior-level masterclass on strategy and performance in Thermal Spray & Hardfacing. 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 Thermal Spray & Hardfacing
- 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 Thermal Spray & Hardfacing

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
8–12 Feb 2027	Abu Dhabi	Classroom	5 days	\$5,500
14–25 Mar 2027	Kuwait City	Classroom	10 days	\$9,900
17–21 May 2027	Cape Town	Classroom	5 days	\$5,500
12–23 Jul 2027	Johannesburg	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Barcelona	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Brussels	Classroom	10 days	\$9,900
10–14 Jul 2028	Berlin	Classroom	5 days	\$5,500
17–28 Jul 2028	Sharjah	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
16–20 Apr 2029	Rome	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Tbilisi	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Nairobi	Classroom	5 days	\$5,500
20–31 Aug 2029	Tunis	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Singapore	Classroom	5 days	\$5,500
5–16 May 2030	Jeddah	Classroom	10 days	\$9,900
27–31 May 2030	Lisbon	Classroom	5 days	\$5,500
29 Jul – 9 Aug 2030	Nairobi	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/thermal-spray-and-hardfacing-masterclass/>

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