



Road & Highway Engineering Masterclass

Civil, Structural & Construction

QGT-CIV-169 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Road & Highway Engineering Masterclass is a senior-level masterclass on strategy and performance in Road & Highway Engineering. It covers the principles, the requirements of ACI, AISC, Eurocodes, IBC and local building codes, 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 Road & Highway Engineering
- Apply the relevant requirements of ACI, AISC, Eurocodes, IBC and local building codes
- 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 civil and structural engineers, site engineers, consultants and inspectors in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Road & Highway Engineering

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	Barcelona	Classroom	5 days	\$5,500
5–16 Jul 2027	Geneva	Classroom	10 days	\$9,900
11–15 Jul 2027	Salalah	Classroom	5 days	\$5,500
9–20 Aug 2027	Milan	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Cairo	Classroom	5 days	\$5,500
10–21 Apr 2028	Istanbul	Classroom	10 days	\$9,900
14–18 Aug 2028	Lisbon	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2028	Manama	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Geneva	Classroom	5 days	\$5,500
11–22 Mar 2029	Algiers	Classroom	10 days	\$9,900
9–13 Apr 2029	Zurich	Classroom	5 days	\$5,500
11–22 Jun 2029	Johannesburg	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Feb 2030	Kuwait City	Classroom	5 days	\$5,500
10–21 Jun 2030	Berlin	Classroom	10 days	\$9,900
5–9 Aug 2030	Istanbul	Classroom	5 days	\$5,500
16–27 Sep 2030	Cape Town	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/road-and-highway-engineering-masterclass/>

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