



Road & Highway Engineering: Practical Workshop

Civil, Structural & Construction

QGT-CIV-148 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Road & Highway Engineering: Practical Workshop is a hands-on workshop built around exercises and real site problems 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for civil and structural engineers, site engineers, consultants and inspectors 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 Road & Highway Engineering 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
18–22 Jan 2027	Brussels	Classroom	5 days	\$5,500
14–25 Jun 2027	Accra	Classroom	10 days	\$9,900
12–16 Jul 2027	Dubai	Classroom	5 days	\$5,500
10–21 Oct 2027	Erbil	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Mar 2028	Toronto	Classroom	5 days	\$5,500
13–24 Mar 2028	Baku	Classroom	10 days	\$9,900
10–14 Apr 2028	Nairobi	Classroom	5 days	\$5,500
12–23 Jun 2028	Copenhagen	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Johannesburg	Classroom	5 days	\$5,500
4–15 Feb 2029	Cairo	Classroom	10 days	\$9,900
13–17 Aug 2029	Cape Town	Classroom	5 days	\$5,500
9–20 Sep 2029	Al Khobar	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Mar 2030	Singapore	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Kigali	Classroom	10 days	\$9,900
17–21 Jun 2030	Kuala Lumpur	Classroom	5 days	\$5,500
15–26 Jul 2030	Cape Town	Classroom	10 days	\$9,900
25–29 Nov 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-practical-workshop/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

