



Bridge Inspection & Maintenance: Advanced Level

Civil, Structural & Construction

QGT-CIV-128 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Bridge Inspection & Maintenance: Advanced Level is an advanced programme for experienced practitioners in Bridge Inspection & Maintenance. 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 Bridge Inspection & Maintenance
- Apply the relevant requirements of ACI, AISC, Eurocodes, IBC and local building codes
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ACI, AISC, Eurocodes, IBC and local building codes

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
11–22 Apr 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
31 May – 4 Jun 2027	Amsterdam	Classroom	5 days	\$5,500
7–18 Jun 2027	Copenhagen	Classroom	10 days	\$9,900
20–24 Sep 2027	Tbilisi	Classroom	5 days	\$5,500
15–26 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	Abu Dhabi	Classroom	10 days	\$9,900
17–21 Jan 2028	Frankfurt	Classroom	5 days	\$5,500
6–17 Mar 2028	Paris	Classroom	10 days	\$9,900
8–12 May 2028	Milan	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Online (live)	Online (live)	10 days	\$5,500
30 Apr – 11 May 2029	Milan	Classroom	10 days	\$9,900
7–11 May 2029	Toronto	Classroom	5 days	\$5,500
6–17 Aug 2029	Casablanca	Classroom	10 days	\$9,900
5–9 Nov 2029	Frankfurt	Classroom	5 days	\$5,500
19–30 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
18 Feb – 1 Mar 2030	Lisbon	Classroom	10 days	\$9,900
13–17 May 2030	Singapore	Classroom	5 days	\$5,500
17–28 Jun 2030	Accra	Classroom	10 days	\$9,900
8–12 Jul 2030	Athens	Classroom	5 days	\$5,500
12–23 Aug 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/bridge-inspection-and-maintenance-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

