



Building Codes & Fire Codes: Advanced Level

Civil, Structural & Construction

QGT-CIV-137 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Building Codes & Fire Codes: Advanced Level is an advanced programme for experienced practitioners in Building Codes & Fire Codes. 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 Building Codes & Fire Codes
- 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
5–16 Apr 2027	Accra	Classroom	10 days	\$9,900
18–22 Apr 2027	Kuwait City	Classroom	5 days	\$5,500
10–21 May 2027	Lagos	Classroom	10 days	\$9,900
17–21 May 2027	Budapest	Classroom	5 days	\$5,500
9–20 Aug 2027	Online (live)	Online (live)	10 days	\$5,500
13–24 Feb 2028	Alexandria	Classroom	10 days	\$9,900
16–20 Apr 2028	Algiers	Classroom	5 days	\$5,500
18–29 Jun 2028	Cairo	Classroom	10 days	\$9,900
28 Aug – 1 Sep 2028	Milan	Classroom	5 days	\$5,500
13–24 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
12–23 Mar 2029	Rome	Classroom	10 days	\$9,900
26–30 Mar 2029	London	Classroom	5 days	\$5,500
17–28 Sep 2029	Singapore	Classroom	10 days	\$9,900
22–26 Oct 2029	Casablanca	Classroom	5 days	\$5,500
5–16 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
4–15 Mar 2030	Nairobi	Classroom	10 days	\$9,900
29 Apr – 3 May 2030	Vienna	Classroom	5 days	\$5,500
9–20 Sep 2030	Beirut	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Luanda	Classroom	5 days	\$5,500
11–22 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/building-codes-and-fire-codes-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

