



Building Information Modeling (BIM)

Civil, Structural & Construction

QGT-CIV-108 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Building Information Modeling (BIM) is an introduction that builds a solid working knowledge in Building Information Modeling (BIM). 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 Information Modeling (BIM)
- 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Building Information Modeling (BIM) fits into daily operations

Day 2: Codes, standards and requirements

What ACI, AISC, Eurocodes, IBC and local building codes require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
17–21 Jan 2027	Salalah	Classroom	5 days	\$5,500
8–19 Feb 2027	Zurich	Classroom	10 days	\$9,900
21–25 Jun 2027	Geneva	Classroom	5 days	\$5,500
12–23 Jul 2027	Sharjah	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Cape Town	Classroom	5 days	\$5,500
19–30 Mar 2028	Cairo	Classroom	10 days	\$9,900
17–21 Apr 2028	Abu Dhabi	Classroom	5 days	\$5,500
19–30 Jun 2028	Brussels	Classroom	10 days	\$9,900
7–11 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Istanbul	Classroom	5 days	\$5,500
4–15 Feb 2029	Kuwait City	Classroom	10 days	\$9,900
30 Apr – 4 May 2029	Barcelona	Classroom	5 days	\$5,500
8–19 Oct 2029	Tunis	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Abu Dhabi	Classroom	5 days	\$5,500
21 Jan – 1 Feb 2030	Houston	Classroom	10 days	\$9,900
9–13 Jun 2030	Erbil	Classroom	5 days	\$5,500
8–19 Jul 2030	Madrid	Classroom	10 days	\$9,900
23–27 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/building-information-modeling-bim/>

WhatsApp: +971 50 697 0908

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