



Green Building & Sustainable Design

Civil, Structural & Construction

QGT-CIV-114 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Green Building & Sustainable Design is an introduction that builds a solid working knowledge in Green Building & Sustainable Design. 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 Green Building & Sustainable Design
- 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 Green Building & Sustainable Design 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
25–29 Jan 2027	Accra	Classroom	5 days	\$5,500
9–20 May 2027	Kuwait City	Classroom	10 days	\$9,900
17–21 May 2027	Sharjah	Classroom	5 days	\$5,500
26 Jul – 6 Aug 2027	Cape Town	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
3–7 Apr 2028	Amsterdam	Classroom	5 days	\$5,500
22 May – 2 Jun 2028	Luanda	Classroom	10 days	\$9,900
4–8 Sep 2028	Johannesburg	Classroom	5 days	\$5,500
18–29 Sep 2028	Geneva	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Cape Town	Classroom	5 days	\$5,500
19 Feb – 2 Mar 2029	Abu Dhabi	Classroom	10 days	\$9,900
19–23 Mar 2029	Lagos	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Tunis	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Mar 2030	Manchester	Classroom	5 days	\$5,500
6–17 May 2030	Madrid	Classroom	10 days	\$9,900
2–6 Sep 2030	Paris	Classroom	5 days	\$5,500
6–17 Oct 2030	Al Khobar	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/green-building-and-sustainable-design/>

WhatsApp: +971 50 697 0908

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