



Surveying & GIS Applications

Civil, Structural & Construction

QGT-CIV-109 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Surveying & GIS Applications is an introduction that builds a solid working knowledge in Surveying & GIS Applications. 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 Surveying & GIS Applications
- 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 Surveying & GIS Applications 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
5–9 Apr 2027	Frankfurt	Classroom	5 days	\$5,500
14–25 Jun 2027	Budapest	Classroom	10 days	\$9,900
29 Aug – 2 Sep 2027	Al Khobar	Classroom	5 days	\$5,500
3–14 Oct 2027	Kuwait City	Classroom	10 days	\$9,900
18–22 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
23–27 Jan 2028	Al Khobar	Classroom	5 days	\$5,500
13–24 Mar 2028	Paris	Classroom	10 days	\$9,900
24–28 Apr 2028	Geneva	Classroom	5 days	\$5,500
14–25 Aug 2028	Istanbul	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	Toronto	Classroom	5 days	\$5,500
19 Feb – 2 Mar 2029	Zurich	Classroom	10 days	\$9,900
18–22 Mar 2029	Jeddah	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Lagos	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
25–29 Mar 2030	Casablanca	Classroom	5 days	\$5,500
28 Apr – 9 May 2030	Cairo	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Cape Town	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Rome	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/surveying-and-gis-applications/>

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