



Surveying & GIS Applications: Advanced Level

Civil, Structural & Construction

QGT-CIV-130 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Surveying & GIS Applications: Advanced Level is an advanced programme for experienced practitioners 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
- 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
24 May – 4 Jun 2027	Nairobi	Classroom	10 days	\$9,900
14–18 Jun 2027	London	Classroom	5 days	\$5,500
26 Jul – 6 Aug 2027	Abu Dhabi	Classroom	10 days	\$9,900
4–8 Oct 2027	Munich	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
19–30 Mar 2028	Cairo	Classroom	10 days	\$9,900
2–6 Apr 2028	Sharm El Sheikh	Classroom	5 days	\$5,500
5–16 Jun 2028	Milan	Classroom	10 days	\$9,900
21–25 Aug 2028	Toronto	Classroom	5 days	\$5,500
20 Nov – 1 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
14–25 Jan 2029	Dammam	Classroom	10 days	\$9,900
21–25 Jan 2029	Jeddah	Classroom	5 days	\$5,500
19–30 Mar 2029	Edinburgh	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Munich	Classroom	5 days	\$5,500
26 Nov – 7 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
11–22 Feb 2030	Tunis	Classroom	10 days	\$9,900
1–5 Apr 2030	Bangkok	Classroom	5 days	\$5,500
5–16 May 2030	Manama	Classroom	10 days	\$9,900
24–28 Jun 2030	Amsterdam	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/surveying-and-gis-applications-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

