



Structural Analysis with ETABS & SAP2000

Civil, Structural & Construction

QGT-CIV-110 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Structural Analysis with ETABS & SAP2000 is an introduction that builds a solid working knowledge in Structural Analysis with ETABS & SAP2000. 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 Structural Analysis with ETABS & SAP2000
- 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 Structural Analysis with ETABS & SAP2000 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	Copenhagen	Classroom	5 days	\$5,500
8–19 Mar 2027	Beirut	Classroom	10 days	\$9,900
28 Jun – 2 Jul 2027	Edinburgh	Classroom	5 days	\$5,500
18–29 Jul 2027	Algiers	Classroom	10 days	\$9,900
26–30 Jul 2027	Online (live)	Online (live)	5 days	\$3,000
27 Feb – 2 Mar 2028	Salalah	Classroom	5 days	\$5,500
3–14 Apr 2028	Milan	Classroom	10 days	\$9,900
17–21 Apr 2028	Houston	Classroom	5 days	\$5,500
20 Nov – 1 Dec 2028	Copenhagen	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
26 Feb – 2 Mar 2029	Johannesburg	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Manchester	Classroom	10 days	\$9,900
16–20 Apr 2029	Sharjah	Classroom	5 days	\$5,500
14–25 May 2029	Madrid	Classroom	10 days	\$9,900
9–13 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
20–24 Jan 2030	Muscat	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Casablanca	Classroom	10 days	\$9,900
19–23 May 2030	Kuwait City	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Barcelona	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/structural-analysis-with-etabs-and-sap2000/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

