



Water Supply & Drainage Networks

Civil, Structural & Construction

QGT-CIV-112 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Water Supply & Drainage Networks is an introduction that builds a solid working knowledge in Water Supply & Drainage Networks. 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 Water Supply & Drainage Networks
- 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 Water Supply & Drainage Networks 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
22–26 Mar 2027	London	Classroom	5 days	\$5,500
16–27 May 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
14–18 Jun 2027	Luanda	Classroom	5 days	\$5,500
28 Jun – 9 Jul 2027	Toronto	Classroom	10 days	\$9,900
5–9 Jul 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	London	Classroom	5 days	\$5,500
21 Feb – 3 Mar 2028	Prague	Classroom	10 days	\$9,900
20–24 Aug 2028	Doha	Classroom	5 days	\$5,500
18–29 Sep 2028	Luanda	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Frankfurt	Classroom	5 days	\$5,500
1–12 Apr 2029	Kuwait City	Classroom	10 days	\$9,900
7–11 May 2029	Budapest	Classroom	5 days	\$5,500
2–13 Jul 2029	Cape Town	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Toronto	Classroom	5 days	\$5,500
28 Apr – 9 May 2030	Riyadh	Classroom	10 days	\$9,900
12–16 Aug 2030	Geneva	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Zurich	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/water-supply-and-drainage-networks/>

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