



Hydrogen Economy & Value Chain

Future Skills

QGT-FUT-118 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Hydrogen Economy & Value Chain is an introduction that builds a solid working knowledge in Hydrogen Economy & Value Chain. It covers the principles, the requirements of ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice, 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 Hydrogen Economy & Value Chain
- Apply the relevant requirements of ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice
- 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 professionals, managers and technical teams preparing for the technologies and jobs of 2030, 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 Hydrogen Economy & Value Chain fits into daily operations

Day 2: Codes, standards and requirements

What ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice 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
4–8 Apr 2027	Alexandria	Classroom	5 days	\$5,500
17–28 May 2027	Houston	Classroom	10 days	\$9,900
31 May – 4 Jun 2027	Singapore	Classroom	5 days	\$5,500
2–13 Aug 2027	Abu Dhabi	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
3–7 Apr 2028	Singapore	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Rome	Classroom	10 days	\$9,900
2–6 Jul 2028	Erbil	Classroom	5 days	\$5,500
10–21 Jul 2028	Berlin	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Paris	Classroom	5 days	\$5,500
14–25 May 2029	Madrid	Classroom	10 days	\$9,900
27–31 May 2029	Kuwait City	Classroom	5 days	\$5,500
11–22 Jun 2029	Lisbon	Classroom	10 days	\$9,900
25–29 Jun 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Apr 2030	Cape Town	Classroom	5 days	\$5,500
14–25 Jul 2030	Erbil	Classroom	10 days	\$9,900
12–16 Aug 2030	Tunis	Classroom	5 days	\$5,500
18–29 Aug 2030	Manama	Classroom	10 days	\$9,900
2–6 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hydrogen-economy-and-value-chain/>

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