



Hydrogen Economy & Value Chain: Advanced Level

Future Skills

QGT-FUT-142 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Hydrogen Economy & Value Chain: Advanced Level is an advanced programme for experienced practitioners 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
- 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 professionals, managers and technical teams preparing for the technologies and jobs of 2030 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice

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
11–22 Jan 2027	Sharjah	Classroom	10 days	\$9,900
21–25 Feb 2027	Alexandria	Classroom	5 days	\$5,500
14–25 Mar 2027	Salalah	Classroom	10 days	\$9,900
20–24 Sep 2027	Casablanca	Classroom	5 days	\$5,500
18–29 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	Edinburgh	Classroom	10 days	\$9,900
21–25 Feb 2028	Beirut	Classroom	5 days	\$5,500
20–31 Mar 2028	Dubai	Classroom	10 days	\$9,900
22–26 May 2028	Zurich	Classroom	5 days	\$5,500
9–20 Oct 2028	Online (live)	Online (live)	10 days	\$5,500
2–13 Apr 2029	Beirut	Classroom	10 days	\$9,900
16–20 Apr 2029	Johannesburg	Classroom	5 days	\$5,500
4–15 Jun 2029	Tbilisi	Classroom	10 days	\$9,900
5–9 Nov 2029	Istanbul	Classroom	5 days	\$5,500
12–23 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
3–14 Feb 2030	Salalah	Classroom	10 days	\$9,900
18–22 Feb 2030	Singapore	Classroom	5 days	\$5,500
24 Feb – 7 Mar 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
1–5 Apr 2030	Barcelona	Classroom	5 days	\$5,500
8–19 Apr 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

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

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