



Carbon Capture, Utilization & Storage (CCUS): Advanced Level

Energy, Power & Renewables

QGT-ENR-129 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Carbon Capture, Utilization & Storage (CCUS): Advanced Level is an advanced programme for experienced practitioners in Carbon Capture, Utilization & Storage (CCUS). It covers the principles, the requirements of IEC, ISO 50001, GHG Protocol and IEA guidance, 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 Carbon Capture, Utilization & Storage (CCUS)
- Apply the relevant requirements of IEC, ISO 50001, GHG Protocol and IEA guidance
- 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 power plant staff, energy managers, sustainability teams and engineers with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in IEC, ISO 50001, GHG Protocol and IEA guidance

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
5–16 Apr 2027	Dubai	Classroom	10 days	\$9,900
19–23 Apr 2027	Madrid	Classroom	5 days	\$5,500
7–18 Jun 2027	Bangkok	Classroom	10 days	\$9,900
16–20 Aug 2027	Milan	Classroom	5 days	\$5,500
29 Nov – 10 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
7–18 Feb 2028	Toronto	Classroom	10 days	\$9,900
14–18 May 2028	Manama	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Manchester	Classroom	10 days	\$9,900
21–25 Aug 2028	Bangkok	Classroom	5 days	\$5,500
13–24 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
21 Jan – 1 Feb 2029	Alexandria	Classroom	10 days	\$9,900
29 Jan – 2 Feb 2029	Rome	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Madrid	Classroom	10 days	\$9,900
23–27 Jul 2029	Houston	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Online (live)	Online (live)	10 days	\$5,500
1–12 Apr 2030	Dublin	Classroom	10 days	\$9,900
12–16 May 2030	Dammam	Classroom	5 days	\$5,500
30 Jun – 11 Jul 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
2–6 Sep 2030	Zurich	Classroom	5 days	\$5,500
9–20 Sep 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/carbon-capture-utilization-and-storage-ccus-advanced-level>

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