



Fertilizer & Ammonia Production: Advanced Level

Process & Chemical Engineering

QGT-PRC-137 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Fertilizer & Ammonia Production: Advanced Level is an advanced programme for experienced practitioners in Fertilizer & Ammonia Production. It covers the principles, the requirements of API, AIChE/CCPS guidelines and licensor 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 Fertilizer & Ammonia Production
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor 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 process engineers, chemical engineers, operators and laboratory staff with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API, AIChE/CCPS guidelines and licensor 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
1–12 Mar 2027	Milan	Classroom	10 days	\$9,900
17–21 May 2027	Sharjah	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Rome	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Lisbon	Classroom	5 days	\$5,500
4–15 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
5–16 Mar 2028	Algiers	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Beirut	Classroom	5 days	\$5,500
28 Aug – 8 Sep 2028	Paris	Classroom	10 days	\$9,900
3–7 Sep 2028	Al Khobar	Classroom	5 days	\$5,500
6–17 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
16–27 Apr 2029	Madrid	Classroom	10 days	\$9,900
23–27 Apr 2029	Accra	Classroom	5 days	\$5,500
3–14 Sep 2029	Singapore	Classroom	10 days	\$9,900
21–25 Oct 2029	Muscat	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
17–28 Jun 2030	Baku	Classroom	10 days	\$9,900
8–12 Jul 2030	Istanbul	Classroom	5 days	\$5,500
19–30 Aug 2030	Manchester	Classroom	10 days	\$9,900
1–5 Sep 2030	Salalah	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/fertilizer-and-ammonia-production-advanced-level/>

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