



Pinch Analysis & Energy Integration: Practical Workshop

Process & Chemical Engineering

QGT-PRC-152 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Pinch Analysis & Energy Integration: Practical Workshop is a hands-on workshop built around exercises and real site problems in Pinch Analysis & Energy Integration. 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 Pinch Analysis & Energy Integration
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor 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 process engineers, chemical engineers, operators and laboratory staff who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Pinch Analysis & Energy Integration scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
17–21 May 2027	Brussels	Classroom	5 days	\$5,500
18–29 Jul 2027	Muscat	Classroom	10 days	\$9,900
26–30 Jul 2027	Prague	Classroom	5 days	\$5,500
20 Sep – 1 Oct 2027	Lagos	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Luanda	Classroom	5 days	\$5,500
28 May – 8 Jun 2028	Dammam	Classroom	10 days	\$9,900
21–25 Aug 2028	Singapore	Classroom	5 days	\$5,500
2–13 Oct 2028	Munich	Classroom	10 days	\$9,900
9–13 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2029	Kuwait City	Classroom	5 days	\$5,500
11–22 Jun 2029	Frankfurt	Classroom	10 days	\$9,900
16–20 Jul 2029	Brussels	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2029	Al Khobar	Classroom	10 days	\$9,900
27–31 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Manchester	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2030	Luanda	Classroom	10 days	\$9,900
16–20 Jun 2030	Amman	Classroom	5 days	\$5,500
24 Jun – 5 Jul 2030	Milan	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/pinch-analysis-and-energy-integration-practical-workshop/>

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