



Pinch Analysis & Energy Integration Masterclass

Process & Chemical Engineering

QGT-PRC-174 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Pinch Analysis & Energy Integration Masterclass is a senior-level masterclass on strategy and performance 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
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for process engineers, chemical engineers, operators and laboratory staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Pinch Analysis & Energy Integration

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
15–19 Feb 2027	Budapest	Classroom	5 days	\$5,500
1–12 Mar 2027	Dublin	Classroom	10 days	\$9,900
22–26 Mar 2027	Paris	Classroom	5 days	\$5,500
2–13 Aug 2027	Madrid	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Johannesburg	Classroom	5 days	\$5,500
3–14 Sep 2028	Muscat	Classroom	10 days	\$9,900
24–28 Sep 2028	Dammam	Classroom	5 days	\$5,500
2–13 Oct 2028	Munich	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Nairobi	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2029	Kuwait City	Classroom	10 days	\$9,900
15–19 Apr 2029	Dammam	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Istanbul	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Mar 2030	Sharm El Sheikh	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Cape Town	Classroom	10 days	\$9,900
9–13 Jun 2030	Al Khobar	Classroom	5 days	\$5,500
17–28 Jun 2030	Bangkok	Classroom	10 days	\$9,900
11–15 Nov 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-masterclass/>

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