



Process Control & PID Tuning Masterclass

Instrumentation, Control & Automation

QGT-INS-169 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Process Control & PID Tuning Masterclass is a senior-level masterclass on strategy and performance in Process Control & PID Tuning. It covers the principles, the requirements of ISA, IEC 61511, IEC 61508 and IEC 62443, 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 Process Control & PID Tuning
- Apply the relevant requirements of ISA, IEC 61511, IEC 61508 and IEC 62443
- 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 instrument and control engineers, technicians and control room staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Process Control & PID Tuning

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
7–11 Jun 2027	Manchester	Classroom	5 days	\$5,500
6–17 Sep 2027	Rome	Classroom	10 days	\$9,900
19–23 Sep 2027	Dammam	Classroom	5 days	\$5,500
4–15 Oct 2027	Johannesburg	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Apr 2028	Munich	Classroom	5 days	\$5,500
11–22 Sep 2028	Barcelona	Classroom	10 days	\$9,900
1–5 Oct 2028	Sharm El Sheikh	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2028	Kuwait City	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Feb 2029	Munich	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Berlin	Classroom	10 days	\$9,900
25–29 Jun 2029	Singapore	Classroom	5 days	\$5,500
13–24 Aug 2029	Cape Town	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Mar 2030	Muscat	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Dubai	Classroom	10 days	\$9,900
9–13 Sep 2030	Copenhagen	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Madrid	Classroom	10 days	\$9,900
25–29 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-control-and-pid-tuning-masterclass/>

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