



Variable Frequency Drives (VFD) Masterclass

Electrical Engineering

QGT-ELE-172 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Variable Frequency Drives (VFD) Masterclass is a senior-level masterclass on strategy and performance in Variable Frequency Drives (VFD). It covers the principles, the requirements of IEC, IEEE and NFPA 70/70E, 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 Variable Frequency Drives (VFD)
- Apply the relevant requirements of IEC, IEEE and NFPA 70/70E
- 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 electrical engineers, technicians, supervisors and authorised persons in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Variable Frequency Drives (VFD)

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
1–5 Mar 2027	Amsterdam	Classroom	5 days	\$5,500
23 May – 3 Jun 2027	Algiers	Classroom	10 days	\$9,900
7–11 Jun 2027	Cape Town	Classroom	5 days	\$5,500
14–25 Jun 2027	Milan	Classroom	10 days	\$9,900
26–30 Jul 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Zurich	Classroom	5 days	\$5,500
18–29 Jun 2028	Salalah	Classroom	10 days	\$9,900
26–30 Jun 2028	Tunis	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2028	Doha	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Nairobi	Classroom	5 days	\$5,500
19 Feb – 2 Mar 2029	Paris	Classroom	10 days	\$9,900
13–17 May 2029	Al Khobar	Classroom	5 days	\$5,500
13–24 Aug 2029	Sharjah	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Kigali	Classroom	5 days	\$5,500
18 Feb – 1 Mar 2030	Marrakech	Classroom	10 days	\$9,900
24–28 Feb 2030	Dammam	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Stockholm	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/variable-frequency-drives-vfd-masterclass/>

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