



Value Engineering

Project Management & Contracts

QGT-PMC-117 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Value Engineering is an introduction that builds a solid working knowledge in Value Engineering. It covers the principles, the requirements of PMI PMBOK, FIDIC, AACE and ISO 21502, 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 Value Engineering
- Apply the relevant requirements of PMI PMBOK, FIDIC, AACE and ISO 21502
- 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 project managers, planners, contract engineers and commercial staff, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Value Engineering fits into daily operations

Day 2: Codes, standards and requirements

What PMI PMBOK, FIDIC, AACE and ISO 21502 require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
18–22 Jan 2027	Prague	Classroom	5 days	\$5,500
25 Jan – 5 Feb 2027	Nairobi	Classroom	10 days	\$9,900
26–30 Apr 2027	Milan	Classroom	5 days	\$5,500
2–13 Aug 2027	Zurich	Classroom	10 days	\$9,900
13–17 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Alexandria	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Singapore	Classroom	10 days	\$9,900
16–20 Apr 2028	Riyadh	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Munich	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Dubai	Classroom	5 days	\$5,500
12–23 Feb 2029	London	Classroom	10 days	\$9,900
27–31 May 2029	Algiers	Classroom	5 days	\$5,500
3–14 Sep 2029	Singapore	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2030	Casablanca	Classroom	5 days	\$5,500
17–28 Mar 2030	Riyadh	Classroom	10 days	\$9,900
11–15 Aug 2030	Sharm El Sheikh	Classroom	5 days	\$5,500
2–13 Sep 2030	Kuala Lumpur	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/value-engineering/>

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