



PROJECT AND CONTRACT MANAGEMENT

Value Engineering and Value Management

3 day course

Classroom, online or in-house

Course overview

Value engineering is often reduced to cost cutting late in a project, which is the one time it cannot work. This course restores it as a structured method applied where it still has leverage. Delegates work through function analysis, which is the technique that distinguishes value engineering from a cost review, and the job plan from information gathering through creativity to evaluation and development. Life cycle costing is covered, since a cheaper capital item is often the expensive choice. Workshop facilitation is practised, including managing the designers whose work is being examined. The course closes on implementation and on auditing whether the savings were realised.

What you will learn

- Carry out function analysis and build a function hierarchy
- Run the job plan through its phases
- Generate and evaluate alternatives without prejudging them
- Apply life cycle costing rather than capital cost alone
- Facilitate a workshop including the designers under examination
- Develop proposals to a level that can be decided
- Implement and audit whether savings were actually realised

Who should attend

- Project and design managers
- Cost managers and quantity surveyors
- Engineering and technical leads
- Procurement and commercial staff
- Value engineering facilitators

Course outline

- 01 Why late cost cutting fails
- 02 Function analysis and hierarchy
- 03 The job plan: information phase
- 04 Creativity and alternative generation
- 05 Evaluation and life cycle costing
- 06 Development of proposals
- 07 Workshop facilitation
- 08 Implementation and savings audit

Upcoming dates

Dates	Venue	Format	Fee per delegate
25 to 27 November 2026	Cape Town, South Africa	Classroom	R14,950
30 November to 2 December 2026	Dar es Salaam, Tanzania	Classroom	USD 995
20 to 22 January 2027	Lusaka, Zambia	Classroom	USD 995
27 to 29 January 2027	Online	Online	R6,500



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriscience.co.za | Pretoria, Gauteng, South Africa