

Training Title: VALUE ENGINEERING

Training Duration:

5 Days

Training Venue and Dates

PMI025	VALUE ENGINEERING	5	25 - 29 Aug 2025	\$6,000	Singapore
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In any of the 4 or 5 star hotel. Exact venue will be informed soon.

Training Fees

- \$6,000 per participant for Public Training including Course Materials/Handouts, Tea/Coffee, Refreshments & Lunch.

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees with **internationally recognized SAVE stamp/seal**



TRAINING OVERVIEW

TRAINING DESCRIPTION:

The success of the VE process is due to its ability to identify opportunities to remove unnecessary costs while assuring quality, reliability, performance and other critical factors that meet or exceed the customer's expectation.

OBJECTIVES

- Stimulates creativity and emphasises the complete information
- Improves value
- Introduce the concept of VA/VE
- Provides practical knowledge in creativity
- What is value engineering, value analysis and value management
- Introduce concept of zero based design

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TOPICS COVERED

- The function analysis phase
- The speculative creative phase
- The evaluation judgement phase
- The recommendation phase

WHO SHOULD ATTEND?

This is meant for entrepreneurs, Section Unit heads, Snr & Jm. Engineers (Electrical, Mechanical, Chemical, Industrial & Civil), Contracts Officers, Design Procurement & Construction Engineers, senior executives/ managers, consultants, students, business executives and value practitioners in government and public sector organizations, small and large scale enterprises.

TRAINING METHODOLOGY

This program will be provided through Classroom lectures , Participative discussions, Case studies , and Role Plays. This program will be delivered through Audio –Visual aids , White Board with Markers, and Flip Charts. One set of printed Course material will be provided to each of the participant.

- Lectures will cover all necessary information to satisfy the course objectives.
- Interactive discussions during the lectures will extremely be encouraged to allow the participants understand the covered subjects.
- Participants will be given exercises that will be discussed by the entire group of participants.
- Case studies will be discussed

Very useful Course Materials will be given.

30% Lectures

30% Workshops and work presentation

20% Group Work & Practical Exercises

20% Videos & General Discussions

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COURSE OUTLINE:

- Introduction to VE
- VE principle
- Why VE?
- History of Quality and Value
- Value and Quality concept.
- Unnecessary cost.
- Define Quality and value Function Analysis Enhancement of value engineering
- Management for effectiveness Creativity, innovation and speculation.

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- Team building and team spirit
- Team effect on VE Road block to Creative & Positive thinking Selection Criteria & Idea evaluation Development Phase Case studies
- Total Cost concept,
- Life Cycle Costing (LCC) Team
- Presentation Implementing VE proposal VE and Cost Reduction
- How to implement VE

NOTE:

Pre & Post Tests will be conducted

Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.



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