



DRIVING WORLDWIDE BUSINESS EXCELLENCE



VALUE METHODOLOGY VALUE ANALYSIS & VALUE ENGINEERING



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VALUE METHODOLOGY

VALUE ANALYSIS & VALUE ENGINEERING

Course Description

The course defines Value Analysis and Value Engineering and defines the steps required to implement a value analysis / value engineering program for your company

Learning Objectives

- Understand the basics of VAVE
- Understand the Difference between VA & VE
- Understand the Value Theory
- Understand the VAVE Structure & VAVE Steps
- Understand the function Analysis through FAST Diagram
- Understand the Cost Analysis through Should Cost
- Understand the Function and Value relationship Diagram
- Understand the new Idea generation by benchmark/best practices

Course Outline

- Introductions
- VAVE Overview -5W + 1H approach
- VAVE -linkages with other core tools
- Value Theory
- Function Analysis -FAST
- Cost Analysis -Should Cost
- Function & Cost relationship matrix
- Generate new bench mark /best practice ideas
- Evaluate New Alternates
- Group Exercise of each VAVE steps

Who Should Attend

Engineers cost estimators and managers that have responsibility to review and improve material costs

- Sales & Marketing
- Project Management
- R&D Team
- Product Team (Design & Application)
- Process Team (Operation,Manufaturing)
- Warranty Team
- Product Quality Team
- Process Quality Team
- Purchase (SCM)

Prerequisites

Students should have a basic understanding of the products that their firm manufactures, and how they are processed.

- Introduction to Value Management
- Information gathering
- Analysis of function-cost relationship
- Idea generation
- Evaluation of Ideas
- Development of Implementation Plans
- Reporting
- Management of Implementation plan

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