Value Engineering in Project Management

02 - 06 Dec 2024
Dubai - Residence Inn by Marriott Sheikh Zayed Road

AGILE LEADERS
Training Center

Value Engineering in Project Management

Ref.: 36344_262670 **Date:** 02 - 06 Dec 2024 **Location:** Dubai - Residence Inn by Marriott Sheikh Zayed Road **Fees:** 3700 **Euro**

Course Overview:

This course is designed to equip project managers with the knowledge and tools necessary to enhance project value by optimizing costs, improving efficiency, and identifying opportunities for added value. Participants will explore Value Engineering VE techniques, and learn how to apply these methods to maximize project outcomes without compromising quality. The course provides both theoretical knowledge and practical experience, ensuring that attendees leave with actionable skills.

Target Audience:

- Project Managers
- Engineering Managers
- Cost Estimators
- Procurement Managers
- Operations Managers

Targeted Organizational Departments:

- Project Management Office PMO
- Engineering and Design Department
- Procurement Department
- Operations Department
- Construction Management

Targeted Industries:

- Oil and Gas Sectors
- Construction Industry
- Manufacturing Industry
- Infrastructure Development
- Power Generation and Distribution

Course Offerings:

By the end of this course, participants will be able to:

- Understand the principles of Value Engineering.
- Conduct value analysis to identify cost-saving opportunities.
- Apply VE techniques across different project phases.
- Balance cost, quality, and performance in decision-making.
- Lead Value Engineering workshops.
- Implement VE in both capital and operational projects.

Training Methodology:

The course uses a combination of lectures, group discussions, case studies, and practical workshops. Participants will engage in hands-on exercises, applying Value Engineering concepts to real-world projects.

Course Toolbox:

- VE process templates
- Case studies and examples
- Value analysis checklists
- Recommended reading materials

Course Agenda:

Day 1: Introduction to Value Engineering

- Topic 1: Fundamentals of Value Engineering
- Topic 2: Value vs. Cost vs. Quality
- Topic 3: VE Applications in Project Phases
- Topic 4: Value Engineering Process Overview
- Topic 5: Overview of Project Constraints and Value Drivers
- Reflection & Review

Day 2: Analyzing Project Costs and Functionality

- Topic 1: Identifying Key Project Functions
- Topic 2: Function Analysis System Technique FAST
- Topic 3: Determining Cost Drivers
- Topic 4: Cost Breakdown Structures
- Topic 5: Prioritizing Value-Adding Activities
- Reflection & Review

Day 3: Applying Value Engineering Techniques

- Topic 1: Value Analysis and Function-Cost Matrix
- Topic 2: Idea Generation and Evaluation
- Topic 3: Alternative Solutions and Scenarios
- Topic 4: Decision-Making in VE
- Topic 5: Implementing VE Recommendations
- Reflection & Review

Day 4: Managing VE Workshops and Teams

- Topic 1: Planning and Facilitating VE Workshops
- Topic 2: Engaging Stakeholders in VE
- Topic 3: Collaborative Decision-Making Techniques
- Topic 4: Overcoming VE Implementation Barriers
- Topic 5: Reporting VE Findings
- Reflection & Review

Day 5: VE Documentation, Reporting, and Control

- Topic 1: VE Documentation Best Practices
- Topic 2: Developing a VE Plan
- Topic 3: Monitoring and Evaluating VE Outcomes
- Topic 4: Presenting VE Results to Stakeholders
- Topic 5: Case Studies and Lessons Learned
- Final Review and Course Summary

How This Course is Different from Other Courses:

The course stands apart from other courses due to its emphasis on both cost optimization and maximizing project value. What differentiates this program is its focus on practical application, utilizing real-world case studies and industry-specific examples to ensure participants can directly apply the concepts to their projects. Unlike traditional cost-focused courses, this program emphasizes the balance between cost, performance, and quality, equipping attendees with the skills to conduct effective Value Engineering workshops and make strategic decisions. By the end of the course, participants will have the confidence and expertise to lead Value Engineering initiatives, optimizing resources while enhancing project outcomes, making this course ideal for professionals aiming to deliver maximum value in their project management roles.

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

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Gamified and
Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

Our Training
Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

Where to
Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

Malaysia	Morocco	Spain	France	UK	Italy	Egypt	Turkey	Georgia	Azerbaijan	UAE
Kuala Lumpur	Casablanca	Barcelona	Paris	London	Rome	Cairo Sharm El-Sheikh	Istanbul	Tbilisi	Baku	Dubai

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