

Day 1: Introduction to Value Methodology and Concepts

1. Introduction to Value Methodology (VM)

- Understanding the basics of Value Methodology
- Historical context and evolution of VM
- Benefits and objectives of applying VM

2. VM Job Plan and Phases

- Overview of the six phases of the VM job plan
- Defining the roles and responsibilities in each phase
- Key deliverables and outcomes of each phase

3. Information and Data Gathering

- Techniques for collecting relevant project information
- Importance of understanding stakeholder needs
- Gathering and analyzing data for decision-making

4. Function Analysis

- Introduction to functional thinking and functional analysis
- Identifying primary, secondary, and tertiary functions
- Using FAST diagrams to visually represent functions

Day 2: Creativity and Idea Generation in VM

5. Creative Thinking Techniques

- Exploring brainstorming and ideation methods
- Encouraging divergent and convergent thinking
- Overcoming creative blocks and fostering innovation

6. Idea Generation and Selection

- Generating ideas to improve functions and achieve value
- Evaluating and prioritizing ideas using various criteria
- Selecting feasible alternatives for further development

7. Functional Analysis System Technique (FAST)

- In-depth understanding of the FAST methodology
- Creating FAST diagrams for improved visualization
- Utilizing FAST as a tool for decision-making

Day 3: Developing and Evaluating Alternatives

8. Generating and Developing Alternatives

- Techniques for generating creative alternatives
- Incorporating cross-functional thinking into alternatives
- Ensuring alignment with stakeholder expectations

9. Cost Analysis and Evaluation

- Introduction to cost analysis in the context of VM
- Assessing costs associated with different alternatives
- Quantifying cost savings and benefits

10. Risk and Benefit Analysis

- Identifying potential risks and benefits of alternatives
- Evaluating risks in terms of probability and impact
- Making informed decisions based on risk assessments

Day 4: Implementing and Presenting Value Solutions

11. Developing and Documenting the Value Solution

- Transforming selected alternatives into actionable solutions
- Documenting the recommended changes and improvements
- Creating implementation plans and timelines

12. Stakeholder Engagement and Communication

- Communicating the value-driven solutions to stakeholders
- Addressing concerns and feedback effectively
- Gaining buy-in and support for the proposed changes

13. Case Studies and Practical Exercises

- Analyzing real-world case studies applying VM concepts
- Participating in hands-on exercises for reinforcement
- Learning from successful VM implementations

14. Continuous Improvement and Future Trends

- Embracing the culture of continuous improvement
- Exploring trends and advancements in Value Methodology
- Integrating VM into project management and decision-making processes

15. Final Project and Certification

- Applying VM concepts to a practical project scenario
- Presenting the value-driven solutions and rationale
- Evaluation and assessment for the VMF 1 Certification