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