



COURSE NAME

Certified Value Specialist (CVS) Certification Exam

COURSE DIURATION

Five days

COURSE DESCRIPTION

The purpose of the CVS exam is to test the candidate's knowledge of fundamental VM concepts through the use of a variety of question formats. In addition, the essay portion of the CVS exam tests the candidate's ability to articulate comprehensive VM knowledge in response to a particular question. This is intended to measure effective communication abilities as well as knowledge of VM.

COURSE OBJECTIVES

- Understand the Principles of Value Analysis and Value Engineering.
- Learn Value Analysis Techniques.
- Master Value Engineering Methodologies.
- Develop Analytical Skills.
- Promote Collaboration and Teamwork.
- Practice Ethical and Professional Conduct.
- Prepare for Certification.

COURSE OUTLINES

DAY 1

Introduction to Value Analysis and Value Engineering

- Introduction to Value Analysis and Value Engineering.
- History and evolution of value analysis and value engineering.
- Overview of the Value Methodology Standard and industry guidelines.
- Benefits and applications of value analysis and value engineering.
- Key principles and concepts in value analysis and value engineering.
- Introduction to the value analysis process and value engineering methodology.

DAY 2

Value Analysis Techniques and Tools

- Function analysis and value identification techniques.
- Cost analysis and cost estimation techniques.
- Creativity tools for generating value-enhancing ideas.
- Value evaluation techniques and criteria.
- Value analysis case studies and practical exercises.

DAY 3

Value Engineering Methodology

- Overview of the value engineering methodology.
- Value engineering job plan and phases.
- Facilitating value engineering workshops.
- Techniques for generating value engineering ideas and alternatives.
- Evaluation and selection of value engineering proposals.
- Implementation and follow-up of value engineering recommendations.

DAY 4

Communication and Facilitation Skills

- Effective communication in value analysis and value engineering.
- Facilitation techniques for value analysis teams and workshops.
- Active listening and questioning skills.
- Conflict resolution and consensus-building strategies.
- Stakeholder engagement and management.

DAY 5

Application and Advanced Topics

- Industry-specific value analysis and value engineering considerations.
- Advanced value analysis and value engineering techniques.
- Project management for value analysis and value engineering initiatives.
- Ethics and professional conduct in value analysis and value engineering.
- Exam preparation and practice questions.



TRAINING METHODOLOGY:

- Pre-assessment
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- slides and handouts
- Post-assessment

DELIVERY METHOD:

- In person