

# VALUE METHODOLOGY FUNDAMENTALS 2



## Individuals planning to become a Certified Value Specialists (CVS®) are required to attend

The Value Methodology Fundamentals 2 (VMF 2) is a workshop designed for those professionals with previous knowledge and experience using the Value Methodology, also known as Value Analysis / Value Engineering



During this training, you will:

- Gain more profound knowledge about Function Analysis and the VM Job Plan, and the different tools available in each phase
- Be able to plan and prepare a successful Value Study
- Learn how to facilitate Function Analysis and the VM Job Plan
- Learn the required facilitation tools and skills to lead a successful VM team
- Learn the essential financial tools to evaluate proposals generated in a Value Study
- Understand the CVS Certification Process as required by the Certification Board

**This Value Methodology Fundamentals 2 course is licensed by the SAVE International Certification Board**

**SAVE**

Adding Value. Enhancing Ideas.

# SAVE INTERNATIONAL CVS® CERTIFICATION

Professional certification for VM is administered by SAVE International®. Our Instructors are licensed by the SAVE International® Certification Board to teach the Value Methodology Fundamentals 1 (VMF 1) and the Value Methodology Fundamentals 2 (VMF 2) courses.



SAVE International® ([www.value-eng.org](http://www.value-eng.org)) is the premier international society devoted to advancing and promoting the Value Methodology (VM), also known as Value Engineering, Value Analysis, or Value Management. SAVE members are trained, certified, and practice VM in more than 40 countries. Applications include construction, product design and manufacturing, transportation, health care, government, and environmental engineering.

The SAVE International® Certification Board offers two levels of certification:

- The first level is the Value Methodology Associate (VMA<sup>SM</sup>). VMA<sup>SM</sup> is a recognition designed for individuals new to the Value Methodology field and has received basic Value Methodology training. Someone with a VMA<sup>SM</sup> certification has demonstrated a good understanding of the principles and the basic tools of the Value Methodology and can contribute effectively as a member of a value study team. This entry-level certification is encouraged for those desiring ongoing involvement in Value Management. If desired, after gaining experience, a VMA<sup>SM</sup> may advance to CVS® certification.
- The second level is the Certified Value Specialist® (CVS®). CVS® is the highest level of certification attainable through the SAVE Certification Program. The designation is reserved for value specialists who have demonstrated expert-level experience and knowledge in the practice of the Value Methodology. The CVS® is the only qualified and approved by SAVE standards to facilitate a value study.

## CVS® Certification Requirements

To achieve the CVS certification, one must:

1. Select an advisor who is a Certified Value Specialist in good standing
2. Complete an approved Value Methodology Fundamentals 1 (VMF 1) course
3. Pass the VMA<sup>SM</sup> Exam
4. Complete an approved Value Methodology Fundamentals 2 (VMF 2) course
5. Obtain the required Certification Points (CPs)
6. Submit the Application Package to SAVE International's Certification Board
7. Receive approval of the Application Package
8. Pass the CVS® exam

# WORKSHOP LEADER



## Javier Masini, CVS<sup>®</sup>, CSSBB, CPCE

Director – VM Manufacturing

Value Management Strategies

Phoenix, AZ

Javier Masini is a Certified Value Specialist (CVS<sup>®</sup>), a Certified Six Sigma Black Belt, and a Certified Product and Cost Engineer (CPCE)

Javier has more than 20 years of experience in value engineering (VE), tear-down analysis, Lean Manufacturing, and Six Sigma for the manufacturing and construction industries. He has successfully led VE workshops across the globe for a range of products, specialized equipment and tools, processes, and facilities. Since 2000, Javier has trained more than 2000 professional engineers in Lean Six Sigma systems and VE. He is currently an instructor for the Institute of Industrial and Systems Engineers (IISE) and SAVE International. He also designed the Lean and Six Sigma public training for the Jalisco State Government, which focused on training regional industries to implement and improve their productivity. He also created the first value engineering university course in Latin America that was granted official certification from SAVE International. As a result, engineering graduates were able to receive the Associate Value Specialist Certification.

Javier has specialized training in company-wide quality and productivity management from the Central Japan Industries Association in Nagoya, Japan. Javier also has training in industrial engineering and quality control from Kitakyushu International Techno-Cooperative Agency in Kitakyushu, Japan.

Aside from being a professor in the Engineering Masters at Universidad Panamericana for almost two decades, he is the founding President of the Instituto de Ingenieros Industriales de Occidente (Chapter 252 of the Institute of Industrial Engineers), a training agent at Secretaría del Trabajo y Previsión Social (Federal Labor Bureau in Mexico) and has been one of the 15 jurors for the Jalisco's Award to Quality (Premio Jalisco a la Calidad) seven times.

Javier has presented at various conferences in the fields of industrial engineering, VE for manufacturing and construction, Lean manufacturing, computer simulation, statistical process control, as well as collaboration skills for engineers in Mexico, Japan, the US, and Central and South America.

### Value credentials

- Member of the SAVE International Body of Knowledge Technical Committee
- Past member of SAVE International's Board of Directors (Education)
- Member of the Miles Value Foundation
- Member of the Institute of Industrial and Systems Engineers
- Member of the Society of Product Cost Engineering & Analytics SPCEA
- Black Belt and trainer at the Lean Six Sigma Institute

# June 10 - 14, 2024

Location: Online

Time: 9:00 AM to 4:30 PM (US Eastern Time)

Full-time attendance is required to receive a certificate

## AGENDA

### DAY 1

- Welcome and Opening Remarks
- Introduce SAVE International
- Workshop Objectives
- Workshop Organization & Agenda
- Diagnostic Evaluation
- Review Competencies expected for VMA and CVS
- Team Styles Survey
- Effective Value Study Teams
  - What does "Facilitation" Mean?
  - The Facilitator Goals and Roles
  - CVS Key Competencies
  - Tips and Tools for the Facilitator
  - Creating and Sustaining a Participatory Environment
    - Facilitator Vs. Consultant
- Value Methodology Basics and History- Core Competency 1.1
- The Value Methodology Job Plan
- Value Methodology Basics, Pre-Workshop Stage
- Facilitation of Workshop Planning
- Facilitation of a Preworkshop Meeting
- Team Primer
- Review of VM Glossary
- Individual Openings with Feedback
- Information and Cost preparation

### DAY 2

- Phase 2: Function Analysis Phase
  - Organize Functions
  - Practice
  - FAST Diagram
  - Practice
  - Allocate Resources to Functions
  - Practice

### DAY 3

- Phase 3: Facilitation of the Creativity Phase
  - Ground rules for Creativity
  - Brainstorming Techniques

- Phase 4: Evaluation Phase
  - Why do we need evaluation
  - How to do it / Effective Discussions
  - Evaluation Techniques
  - Elimination of Nonsense
  - Nominal Group Technique
  - Voting
  - Criteria Matrix
  - Weighted Evaluation Matrix
  - Performance Measures
  - Categorization with ranking
  - Selecting Ideas For implementation
  - Practice (Facilitation of Evaluation)

### DAY 4

- Phase 5: Facilitation of the Development Phase
  - Purpose
  - Basic Terms in Financial Analysis
  - Simple Payback
  - Breakeven Point
  - Return on Investment
  - Present Worth or Net Present Value
  - Life Cycle Cost
  - How are proposals structured
  - Life Cycle Cost Analysis (LCCA)
  - Practice LCCA
  - Practice (Developing Proposals)
- Phase 6: Presentation Phase
  - Sample Agendas
  - Guidelines for a Successful Presentation

### DAY 5

- STAGE 3 Post Workshop
- Preparing the VM Study Report
- VM Job Plan Recap
- SAVE International VM Certification
- Individual Presentations
- Adjourn and Celebrate

Special discussion about facilitating each phase of the VM Job Plan in the Virtual environment will be addressed in most of the items on this agenda

# AGENDA



**REGISTRATION**



## Value Methodology Fundamentals 2

### Online Training Workshop and preparation for CVS® Certification

Registration Due Date – June 7, 2024\*

**Registration and payment is required prior to workshop.**

Note that a minimum group of five persons is required to conduct this workshop. VMS reserves the right to cancel the course if the minimum requirement is not achieved. A full refund will be provided.

**Check the appropriate box**

- Individual: \$1,750
- 3 or more from the same organization: \$1,400 each

*Payment options include check, EFT, or credit card\*.  
Please contact [apinvoices@vms-inc.com](mailto:apinvoices@vms-inc.com) for EFT and credit card payment instructions.  
\*A 2.9% service fee will be added to all credit card payments.*

**Please send this form and check payable to**

**Value Management Strategies  
PMB #340  
16845 N 29th Ave, Ste 1  
Phoenix, AZ 85053-3053**

For further information on this VMF2 workshop, please contact Javier Masini ([javier.masini@vms-inc.com](mailto:javier.masini@vms-inc.com))

Name <i>(this is how your name will show on the Certificate)</i>	
Name of Company, Agency or Institution	
Preferred Mailing Address	
City/State/Zip	
Phone during office hours	Cell Phone Number <i>(Optional)</i>
E-mail (Work)	Alternative E-mail <i>(Optional)</i>