

VALUE METHODOLOGY FUNDAMENTALS 1



Individuals planning to become a Value Methodology Associate (VMA) or a Certified Value Specialists (CVS) are required to attend



The objective of this training workshop is to acquaint participants with the Value Methodology (VM) and its function-oriented, decision-making process. The VM has been used for over 75 years to assist management and engineering professionals to obtain optimum value for each dollar spent. Typical savings range from 15 to 35% for most projects. This Value Methodology Fundamentals 1 course teaches VM in a hands-on, project-based manner. During the workshop, managers of architecture, design, manufacturing, finance, quality, marketing, and engineering (civil, product, industrial, manufacturing, process) will engage in “real-time” decision-making using VM tools, to ensure quality and value while optimizing the cost of their projects. Participants will apply the value methodology and decision-making skills to a project to gain practical experience using what they learn.

This course is designed for people responsible for making decisions concerning design, process, or procedural activities in industry (manufacturing), construction, government, and service organizations (healthcare, etc.). In the past, attendees have included corporate leadership, engineers of all types, marketing, sales, finance, quality, contractors, and manufacturing disciplines.

This Value Methodology Fundamentals 1 course is licensed by the SAVE International Certification Board

SAVE

Adding Value. Enhancing Ideas.

SAVE INTERNATIONAL VMA & 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) is the premier international society devoted to advancing and promoting the Value Methodology (VM), also known as Value Engineering, Value Analysis, and Value Management. SAVE members are trained, certified, and practice VM in more than 40 countries. Applications can 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). VMA is a recognition designed for individuals who are new to the Value Methodology field and have received basic Value Methodology training. Someone with a VMA certification has demonstrated a good understanding of the principles and the basic tools of the Value Methodology and is able to contribute effectively as a member of a value study team. This entry level certification is encouraged for those desiring to have ongoing involvement in Value Management. If desired, after gaining experience, a VMA 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. Designation is reserved for value specialists who have demonstrated expert level experience and knowledge in the practice of the Value Methodology. The CVS designation is the only qualified and approved by SAVE standards to facilitate a value study.

VMA Certification Requirements

To achieve the VMA certification, one must:

1. Complete this Value Methodology Fundamentals 1 course
2. Submit and pay the requested application fee
3. Successfully pass the VMA exam

VMA Application / Exam Fees

US Dollars	SAVE Members	Non-Members	US Government Employees *
Application Fee	\$185	\$185	\$185
VMA maintenance fee (every 2 years)	\$100	\$500	\$100

**Government Employees: the VMA certification fees are set at the SAVE member rate for government employees working in the management of an active value program for their agency. A government employee does not have to be a SAVE member to receive this discounted fee; however, they are encouraged to become SAVE members when seeking their VMA certification.*

Application and certification fees are paid directly to SAVE International® through the application and examination process
([VMA Exam - SAVE International \(value-eng.org\)](http://VMA Exam - SAVE International (value-eng.org)))

WORKSHOP LEADER



Ryan Elliott, EdD, PE, CVS

Certified Value Specialist

RHA, LLC

Mr. Elliott has over 29 years of experience in Professional Engineering and Project Management supporting a wide variety of government and private sector clients. Since 2016, Mr. Elliott has participated in more than 75 value engineering studies for a variety of clients including the United States Army Corps of Engineers, state and local departments of transportation, as well as the Town of Gilbert in Arizona.

Mr. Elliott retired from the United States Air Force in 2016 following a 22-year career in the civil engineering career field. He has specialized in projects related to Independent External Peer Reviews, Value Engineering, Overseas Construction, Construction Inspection, Facility Planning, Budget Analysis, Emergency Management, Regulatory Compliance, and Cost Estimating for both public and private sector clients.

Doctor of Education, Leadership & Learning in Organizations

Master of Science, Earth and Environmental Resource Management

Bachelor of Science, Civil Engineering and Engineering & Public Policy

Value Credentials

- SAVE International, The Value Society
(Past-President; Florida Chapter)
- Society of American Military Engineers
(Regional Vice President; Gulf Coast Region)
(Past-President; Emerald Coast Post)





February 5-9, 2024

Location: Online, MS Teams

Time: 9:00 AM to 4:30 PM CT

Full time attendance is required to receive certificate

AGENDA

DAY 1

- Introduce SAVE International and PACE
- Introduction to the workshop
- Overview of VMF 1 & VMF 2 training
- VM Overview – The power of VA/VE
- Value Methodology core competencies
- Introduction to the Value Methodology
- What is “Value”?
- Compare VM vs VEM (Lean, Six Sigma, Etc.)
- Types of value
- Reasons for unnecessary cost
- History of the Value Methodology
- Value Methodology basics
- Phase 1: Information Phase
 - Project Goals
 - Cost Model/ Costed BOM/ BOQ
 - Voice of the customer
 - Scope of Project and Constraints
 - Practice
- Phase 2: Function Analysis Phase
 - Define functions and practice
 - Identify functions and practice
 - Classify functions
 - Practice (random function list)

DAY 2

- Phase 2: Function Analysis Phase (Cont.)
 - Organize functions and practice
 - FAST Diagram and practice
 - Allocate resources to functions and practice
- Phase 3: Creativity Phase
 - Ground rules for creativity
 - Brainstorming techniques
 - Practice

DAY 3

- Phase 4: Evaluation Phase
 - Why do we need evaluation?
 - Evaluation techniques
 - Selecting Ideas for implementation
 - Practice
- Phase 5: Development Phase
 - Basic terms in financial analysis
 - How are proposals structured?

DAY 4

- Phase 5: Development Phase (Cont.)
 - Life Cycle Cost Analysis (LCCA)
 - Practice (LCCA)
 - Practice (Developing proposals)
- Phase 6: Presentation Phase
 - Propose and expected outcomes
 - Sample agendas
 - Guidelines for a successful presentation

DAY 5

- STAGE 1 Pre Workshop
 - Planning the Workshop
 - Project Selection
 - Value Study Team
 - Effective Team Members
 - Practice
 - Effect Team Leader
- STAGE 3 Post Workshop
- VM Job Plan Recap
- Practice Exam/Quiz
- SAVE International VM Certification
- Teams 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



REGISTRATION



Value Methodology Fundamentals 1: 5-9 February 2024

Online Training Workshop and preparation for the VMA Examination:

Registration Due Date – January 19, 2024*

** Please be aware that any late registration affects on-time delivery of your materials and handouts*

**Registration and payment is required prior to workshop.
Fee includes: VM workbook, Function Analysis Guide and VM
Memory Jogger (shipping and handling is included).**

Note that a minimum group of five persons is required to conduct this workshop. RHA 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: \$1,600
- ☐ 3 or more from same organization: \$1,300 each

Please send this form and check payable to RHA, LLC or call/email Russ Van Natta (602-493-1947; accounting@teamrha.com) to request an invoice:

**RHA, LLC
6677 West Thunderbird Road, Suite K183
Glendale, Arizona 85306**

For further information on this VMF 1 workshop, please contact Ryan Elliott
(ryan@TeamRHA.com)

Name (this is how your name will show on the Certificate)

Name of Company, Agency or Institution

Preferred Mailing Address

City/State/Zip

Phone during office hours

Cell Phone Number (Optional)

E-mail (Work)

Alternative E-mail (Optional)