

Date: March 2-6,2009

Location: North Bay ON

Registration

Payment can be made on line at www.fletchergroupve.com (training) or by cheque payable to:

**The Fletcher Group
204 One Mile Road, Corbeil, ON**

- \$1550 Regular Fee (Cdn)
- \$1350 Discounted Fee (Cdn) (Government, CSVA or SAVE international member, 3 or more participants)
- \$120 AVS Exam Fee (optional)

_____ Subtotal
_____ 5% GST on Subtotal
_____ Total Enclosed

Name _____

Title _____

Company _____

Address _____

City _____

Province/State _____

Postal Code _____

Phone _____

CERTIFIED BY SAVE INTERNATIONAL

Cancellations must be received one week before the course to receive a full refund minus \$50 Processing fee.



Instructor: Mrs. Parrot, M. ENG., CVS (LIFE) is an industrial engineer with over 25 years of experience. She has extensive experience in the optimization of processes and products, in business and manufacturing applications. She has utilized the value engineering methodology and complementary methods, since 1991. Mrs. Parrot has moderated more that 150 workshops, in Value engineering, functional analysis (FPS) and concurrent engineering.

Lucie has taught Mod 1 for the past 15 years at McGill University and to clients such as Nortel, Hydro Quebec, Pratt and Whitney.



Instructor: Mr. Fletcher P.Eng., CVS is the senior engineering manager responsible for all technical projects within the Fletcher Group; a company focusing on Value Engineering/ Management

studies including functional performance specifications for the public and private sector including transportation, water / waste water, utility and building sectors. Tom has over 30 years of engineering experience including 7 years experience in VE.

For additional information contact:

The FLETCHER GROUP

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Value Engineering / Management
Module 1



Training Workshop

Module 1 training is of value to all staff interested in improving value in their projects, products, standards or business to immediately apply what they have learned. **MTO has saved over \$100 Million** on our projects since we launched our VE program in 1998.

Stephen Holmes, P.Eng., CVS
Senior Engineer, Value Engineering
Ontario Ministry of Transportation





Module 1 Training

“This course teaches the participants how to utilize this methodology to determine the best value for money option for a particular challenge.

I found Module 1 to be an interesting and fast paced week. I see that VM/VE is an excellent tool which we will use in the fire facility renewal project and larger construction projects.”

Bob Aubin,
Fire Management Supervisor
Ministry of Natural Resources, Ontario

“Value Engineering has been taught at McGill University for 35 years. During this time over 200 projects have been done with companies. Project outcomes have consistently created innovative solutions, increased value, and lowered cost.

The course is certified and recognized as Mod I of value engineering training. Lucie Parrot has been the instructor of this course since 1995. She has provided an excellent value engineering experience that has been very beneficial for the students, the projects and their sponsoring companies.”

Vince Thomson
Werner Graupe Professor of Manufacturing Automation
McGill University

Value Engineering (also known as Value Management or Value Analysis) depending on the business sector, is a systematic and function based approach to improve the value of the projects, processes or products. A VE study involves a team of people following a structural process. The process helps team members communicate and analyze Value Engineering is an extremely effective tool for design of any project, product or concept. VE seeks an item satisfying basic functions and performance required at the least cost. By identifying required (basic) functions through “function analysis,” an items cost can more closely match its worth.



- VE protects the Owner, Designer, Contractor (or Manufacturer), and user from excessive capital, O&M, and life cycle costs.
- Control your project or product cost while maintaining or improving performance.
- Improve your organization’s internal quality and client perceptions with your improved creativity and sense of function and value.
- Serve on VE Teams, growing professionally by working with team members and organizations with different backgrounds than yours, studying designs of different organizations or departments.
- Participants receive a Module 1 training certificate upon course completion.

Training Materials - Each person will receive a Value Engineering Training Manual as part of the course fee. Supplemental materials will be provided on subjects such as project performance criteria and measures, risk management and mind mapping.

Training Schedule:

Monday - Thursday 8:00am - 5:00pm
Friday 8:00am - 2:30pm

Lunch and refreshments provided