

**Date: January 16-20, 2012**

**Location: Toronto, ON**

**Registration**

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

**The Fletcher Group**  
**204 One Mile Road, Corbeil, ON, P0H 1K0**

- \$1550 Regular Fee (Cdn)
- \$1350 Discounted Fee (Cdn) (Government, CSVA or SAVE international member, 3 or more participants)
- \$ 240. AVS Exam Fee (optional)

\_\_\_\_\_ Subtotal  
\_\_\_\_\_ 13% HST on Subtotal  
\_\_\_\_\_ Total Enclosed

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Province/State \_\_\_\_\_

Postal Code \_\_\_\_\_

Phone \_\_\_\_\_

CERTIFIED BY SAVE INTERNATIONAL



**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 than 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 10 years experience in VE.

For additional information contact:

**The FLETCHER GROUP**

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Value Engineering / Management  
**Module 1**



**Training Workshop**

**M**odule 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 \$300 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**