



# QUALITY & LEAN THINKING

QNET presents:

## Lean Principles 101: Making lean thinking principles easy to understand

Wednesday, May 14, 2014 – 8:15 a.m. to 4:15 p.m.

Location: QNET – Suite 660, 175 Hargrave Street, Winnipeg

Lean Principles may have originated in a manufacturing environment, but they apply to any type of organization – service, health, government, education, and of course manufacturing.

This one-day interactive, hands-on, simplicity driven workshop makes lean thinking principles easy to understand through a “learning by doing” simulation. At the end of the workshop, participants should be able to:

- list the seven wastes,
- determine what is value added and non-value added,
- describe the impact of facility layout,
- calculate Takt time
- describe a “pull” type control system.

Examples from lean manufacturing, lean office, and lean in service environments will help enhance the learning and applicability to each participant’s workplace.

**Who should attend?** Anyone who is interested in a better understanding of the lean thinking principles and how to see the value of lean in their organization.

**Facilitator:** Ian Marshall, Lean Champion, Canadian Manufacturers & Exporters, Manitoba Division, joined CME in 2005 as part of the Advanced Manufacturing Initiative. In this role, Ian has conducted Lean Assessments, facilitated Lean Strategic Planning workshops and Kaizen events, and supported the development of five lean manufacturing consortiums. In addition, Ian has facilitated lean in service, health and government sectors. Ian is a professional engineer and spent 12 years in the automotive and aerospace divisions of Lucas Industries in the United Kingdom and across Europe. Moving to Winnipeg 12 years ago, Ian continued to champion lean in the roles of Change Manager at Motor Coach Industries, Plant Manager at Monarch Industries and General Manager Imports at Palliser Furniture.

### This workshop is:

- An optional course in the 70 credit hour QNET Certificate in Management Development (CMD).
- Eligible for credit in the CAM:OE (Certificate in Applied Management: Organizational Effectiveness) in partnership with the University of Manitoba, Continuing Education.
- Presented by QNET in partnership with Industry Workforce Development, Manitoba Entrepreneurship, Training and Trade.

### Fee: (includes a light lunch)

- \$329.00 + GST for Members of QNET or APICS
- \$399.00 + GST for Non-Members



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