Canadian Manufacturers & Exporters
Newfoundland & Labrador Division

Hands-on Introduction to Lean Principles 101

Here is a " learn by doing" opportunity to quickly understand the key fundamentals of lean repetitive manufacturing. You will be working in teams of 8 as you use a variety of Lean Thinking & Lean Manufacturing concepts and tools to speed production. You will also use the simplicity and power of Value Stream Mapping & Visual Methods to achieve results & record your progress.

THIS SESSION WILL ENABLE PARTICIPANTS TO:

- ✓ Outline the 5 steps to Lean Thinking
- ✓ Identify Value Adding and Non-Value adding activities
- ✓ Explain the impact of plant layout on production
- ✓ Understand Pull Systems & their impact on customers and quality
- ✓ Identify the 7 forms of 'waste'
- ✓ Define 'Takt' time, how to calculate it and how to use it in making decisions
- ✓ Describe why a visual factory speeds customer responses
- ✓ Use visual methods to report plant performance

AGENDA

9:00 am Intro & format
- 5 principles of Lean Thinking
- Understanding flow & pull systems
- Value Adding & Non-Value Adding
- Quick overview of Value Stream Mapping (VSM)

Simulation Activity Begins
- Formation of teams
- Understand operations & roles
- Measure Takt time

Working Lunch
- Brainstorm new methods
- Initiate changes
- Apply Lean tools to achieve customer's demand

Simulation Continues
- Visually record key metrics and plot results
- Report out lessons learned
- Revisit learning objectives and measure performance

REGISTRATION

Location:
St. John's – 90 O'Leary Ave.

Dates:
□ Thursday, September 25th – 9:00 to 5:00

Cost:

□ Consortium Members	$100.00 + HST
□ CME Members	$150.00 + HST
□ Non Members	$225.00 + HST

Name

Company

Address

Email

Phone & Fax

To register contact David Haire at (709) 685-5820, email david.haire@cme-mec.ca or fax to (709) 772-3213

A CME EDUCATIONAL EVENT

You become part of an 8 -member team in the "Sky-View Airplane Company", who must change to win a large contract. You will work side-by-side with your team to use the Lean techniques and Value Stream Mapping that this course will teach you. As you make progress your team will use visual methods to show their results.