



# Lean Manufacturing

## - A Hands-on Production Simulation

Would you like to *experience* the benefits of lean manufacturing?

We also offer a Business Process Improvement workshop for the office.

*"I learned great examples of what other companies are doing and realized how relevant this information was for my company."*

**Chad Pontinen, Manufacturing Engineer, AbelConn, LLC**

### Production Simulation

Attendees participate in an interactive business simulation game that demonstrates, in a practical manner, the application of lean principles. They will be split into competing companies and will work on a simulated manufacturing floor, building product during four business cycles. Between each business cycle the competing company teams will have the opportunity to utilize the tools they learned in the workshop.

These tools include:

- ◆ Kanban
- ◆ Takt Time
- ◆ Visual Controls
- ◆ Kaizen Events
- ◆ Teamwork
- ◆ Cellular Manufacturing
- ◆ Work Standardization

At the end of every business cycle, teams evaluate their net margin via a P&L statement. They also monitor gross margin, lead-time, work-in-process, customer service, overhead, direct labor, raw storage dollars, and cost of quality. After completing the simulation the attendees will have *experienced* the difference between traditional and lean manufacturing and its components.

Tuesday, March 13, 2012 8:30 a.m. – 4:30 p.m.

**Fee:**                      **MA Members**                      **Non-MA Members**  
\$319 per person                      \$419 per person  
*Receive a 10% discount if you register 10 days prior to the event.*

**Location:**                      **Wooddale Church**    *Enter at door # One only.*  
6630 Shady Oak Rd.  
Eden Prairie, MN 55344  
*(For directions and map go to [www.mfrall.com](http://www.mfrall.com))*

**Reservations:**                      For instant confirmation, reserve on-line at [www.mfrall.com](http://www.mfrall.com), click on **Training & Education** then **Workshops** by March 9, 2012.  
*Your satisfaction is guaranteed.*

**Cancellation Policy:**                      **No refunds** for cancellations after 5:00 p.m. March 9, 2012, or for no-shows at workshop. *(Substitutions accepted)*

**Pre-registration required!**

#### About the instructor:

*Brian Swanson* has spent the last sixteen years working in manufacturing and process improvement and has been training peers for the last seven years.

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- ◆ **Lean Workshops**
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