



# Lean Manufacturing

## - A Hands-on Production Simulation

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

Offered as part of the Lean Practitioner Certification



**Your instructor:**

**Jeremiah Johnson**, a Senior Global Enterprise Excellence Manager at Boston Scientific, is responsible for deploying continuous improvement methodologies, tools and culture across three of Boston Scientific's divisions and the Global IT group.

*"The simulation was a great exercise – emphasized the implementation of Lean concepts and showed results of that implementation."*

Renee Thurmer  
Project Manager  
Cell Culture Company

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

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, January 7, 2020 8:00 a.m. - 4:00 p.m.**

**2020 Fee:** **MA members** \$335 per person **Non-MA members** \$435 per person  
*Receive a 10% discount if you register 14 days prior to the event*

**Location:** **Manufacturers Alliance Training Center**  
8421 Wayzata Blvd, Suite 190  
Golden Valley, MN 55426  
*(For directions and map go to [www.mfrall.com](http://www.mfrall.com))*

**Register:** Registration is required. Reserve on-line at [www.mfrall.com](http://www.mfrall.com), by 3:00 pm by January 3, 2020. **Your satisfaction is guaranteed.**

**Cancellation Policy:** **No refunds** for cancellations after 3:00 p.m., January 3, 2020, or for no-shows at workshop. *(Substitutions are accepted.)*

Lean Practitioner Certification participants will be assessed the full workshop fee for cancelling after 3:00p.m. two business days prior to workshop or for no-shows at workshop.