



# Learning to See Waste Simulation Online

## *An Online Production Simulation*

Offered as part of the Lean Practitioner Certification



**Your instructor:**

**Charlie Garrett** is an operations leader with over 25 years of broad-based manufacturing and consulting experience. He has expertise in all areas of manufacturing including: supply chain process improvement, value stream management, process design, program management, lean manufacturing, strategic planning, total productive maintenance, change management and training development and delivery in the Manufacturing, Window & Door, Medical Device, Chemical, Health Care, Automotive and Food & Beverage industries. Charlie has a degree in Operations Management from the University of St Thomas.

*"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

Would you like to *experience* the benefits of Lean manufacturing? For many, the first step in creating a culture of continuous improvement and developing an army of problem solvers is to help all employees identify opportunities for improvement. Participants gain knowledge and the tools required in order to help a critical mass of employees learn how to define value and identify and eliminate waste. After completing the workshop, participants will have experienced the difference between traditional and Lean manufacturing and its components.

**Tools and Topics Learned Include:**

- Kanban
- Takt Time
- Visual Controls
- Kaizen Events
- Teamwork
- Value Stream Mapping
- Cellular Manufacturing
- Work Standardization

**Wednesday, November 15, 2023 8:00 a.m. - 12:00 p.m.**

**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**

*This workshop is online via Zoom. We strongly advise against using a phone or tablet for this training. This workshop includes simulations and activities using Miro ([www.miro.com](http://www.miro.com)). Each participant should have their own dedicated computer/mouse; Camera (turned on); Speakers/Headphones; Microphone; Access to Google Chrome and Zoom; Internet Connection.*

**Register:** Pre-registration is required. Reserve on-line at [www.mfrall.com](http://www.mfrall.com), by 3:00 pm by February 27, 2023. You will be sent login credentials in advance of the workshop. **Your satisfaction is guaranteed.**

**Cancellation Policy:** **No refunds** for cancellations after 3:00 p.m., November 13, 2023, or for no-shows at workshop.

Participants in the Lean Practitioner Certification must cancel two business days prior to the workshop or they will be invoiced the workshop fee.