



# 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, October 12, 2022 8:00 a.m. - 12:00 p.m.**

**Fee:** **MA members** \$295 per person **Non-MA members** \$395 per person  
**Receive a 10% discount if you register 14 days prior to the event**

*This workshop is online. Minimum requirements: Computer with speakers and/or headphones and microphone; a computer mouse is strongly encouraged; dedicated screen for meeting time; Internet connection; ability to download Zoom.*

**Register:** Pre-registration is required. Reserve on-line at [www.mfrall.com](http://www.mfrall.com), by 3:00 pm by October 10, 2022. 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., October 10, 2022, or for no-shows at workshop.

Participants in our Lean Practitioner Certification who are no-shows at this workshop will be invoiced the workshop fee.