



Develop your Team • Identify Opportunities for Efficiency • Eliminate Waste

Meeting today's manufacturing challenges demands a lean enterprise – streamlining product design and manufacturing by applying lean manufacturing principles, concepts and techniques. The primary focus of this effort is the continuous elimination of waste in the company's business processes. Implementing Lean practices involves changing a work area or a business process to maximize efficiency, improve quality and safety, eliminate unnecessary motion and inventory, and save time and resources.

## WHAT CAN YOU EXPECT FROM THE LEAN OVERVIEW WITH SIMULATION?

This interactive workshop combines comprehensive classroom instruction with simulation of a production facility. The basic concepts of Lean manufacturing and the tools and methodology necessary to implement “lean” on the shop floor are demonstrated. Participants assume the role of production workers, applying lean tools to their individual workspaces and the entire product line. This learn-do technique, over three “shifts”, illustrates cause and effect relationships for each of the lean tools presented.

Participants review methodology and lessons learned from previous shifts, deciding what and how to implement while working with realistic constraints such as available resources, cash flow, and resistance to change.

## BENEFIT FROM HANDS-ON FACTORY SIMULATION

Following the Lean Manufacturing Overview and Simulation, participants will have learned several new techniques to aid you in the Lean transformation on-site. You'll be able to:

- Differentiate between a “push” and a “pull” system
- Identify the eight (8) wastes that must be eliminated to make the manufacturing processes Lean
- Explain how those wastes reduce company profits
- Understand the functions of a Kanban system
- Make more effective use of the employee's time following waste elimination

## ILLINOIS MANUFACTURERS' ASSOCIATION

1211 W. 22nd Street  
First Floor Training Room  
Oak Brook, IL 60523



**Sept. 13, 2022**

8:00AM - 4:00PM

## AGENDA

Traditional Manufacturing & 8 Wastes	8:00AM
Round 1 – Traditional Manufacturing Simulation Workplace Organization (5S)	9:00AM
5S System, Visual Controls, Standardized Work, Plant Layout, Point of Use Storage, Batch Size Reduction, Quick Changeover	10:00AM
Round 2 – Applying Basic Lean Tools	11:30AM
Break - Lunch	12:00PM
Teams, Quality at the Source, Cellular Manufacturing, Pull Systems, Total Productive Maintenance	12:30PM
Round 3 – Applying Intermediate Lean Tools	2:00PM
Wrap-Up	3:00PM

### Fees: \$350 per person\*

Fees include lunch and all training materials.

## REGISTRATION

Register your company seat(s) at [www.imec.org/events](http://www.imec.org/events)

## INFORMATION

Contact Kristy Johns, IMEC Vice President of Marketing, at 309-224-0117 or [kjohns@imec.org](mailto:kjohns@imec.org).

\*Cancellations made within seven (7) days of the program start date, or failure to inform IMEC of cancellation may result in up to 50% of the invoiced attendance fee.