

Lean Manufacturing Overview with Simulation Workshop

"HTE is pleased to host Versatech's Lean Manufacturing event as a part of our relentless focus on assisting our customers to become ever more productive and profitable"

Marv Dixon, V.P. Business Development & Sales, HTE Automation



Presented by Versatech

Instructors: Joe Forbes and Kelly Fenton

Location:

HTE Industrial Productivity Training Center
2021 Congressional Drive
St. Louis MO 63146-4103

Date: January 30, 2018

Time: 8:30 am - 4:30 pm

Cost per Participant: \$249

Register at: www.htetech.com - click on *Training & Events Signup*

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Hosted by:



This full-day workshop combines a comprehensive classroom presentation with hands-on simulation of a production facility. In this workshop, we introduce the basic concepts of lean manufacturing and demonstrate the tools and techniques necessary to implement "lean" on the shop floor.

The classroom presentation is an interactive overview of lean manufacturing, introducing concepts and methodologies for implementation in a simulated production facility. Participants act as production workers, applying the lean tools to their individual workspaces as well as across the entire facility. This learn and do technique over four "shifts" illustrates cause and effect relationships for each of the lean tools presented. Participants review techniques 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.

Participants will gain an understanding of the eight wastes in manufacturing and learn how to improve productivity by applying standard work, visual controls, set-up reduction, batch size reduction, point-of-use storage, quality at the source, pull systems and more.

Each participant receives a "Principles of Lean Manufacturing" workbook and Workshop Completion Certificate

TOPICS COVERED

- Traditional Manufacturing
- Defining Lean
- Eight Wastes
- Standardized Work
- Visual Controls
- Workplace Organization (5S)
- Plant Layout
- Quick Changeover
- Batch Size Reduction
- Point of Use Storage
- Quality at the Source
- Pull Systems
- Cellular / Flow Manufacturing
- Total Productive Maintenance
- Takt Time
- Work Balancing
- Value Stream Mapping
- Keys to Success