

LEAN PRACTICES

Today’s successful companies are flexible, efficient, and responsive to change. They deliver what their customers need, precisely when they need it. They eliminate wasteful, non-value-added production and administrative functions. Lean is a continuous improvement approach used by manufacturers to streamline operations, eliminate defects, reduce lead times, and maximize productivity. Implementing lean practices can help manufacturers be more responsive to customer needs while growing their bottom line.

Working with Maine MEP, you’ll be guided on a journey in which efficiency and effectiveness become a part of your every day operating culture. You’ll see how simple changes can generate increased profits and increase employee satisfaction.

WHY LEAN?

Cut costs by establishing a systematic approach to eliminating waste

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Reduce lead times via streamlined processes

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Increase capacity by making better use of existing resources

Lean programs can result in:

- 50 – 75% reduction in lead times
- 10 – 40% increase in productivity
- 25 – 75% improvement in quality
- 70% less space utilized
- 50% reduction in inventory

"Maine MEP’s Lean training helped us to implement systemic changes needed to double throughput with our existing amount of floor space." James Eaton, President, Little Harbor Window

LEAN TOOLS

Value Stream Mapping	Quick Changeover	5S	Total Productive Maintenance	Cell Flow Optimization
Uncovers opportunities to reduce waste and improve flow	Standardizes and streamlines changeover steps, reducing setup time	Organizes workspace and tools with visual controls	Maximizes equipment productivity	Rearranges equipment and workstations for efficient flow

LE101: PRINCIPLES OF LEAN MANUFACTURING

What is Lean?

Lean is a continuous improvement approach used by manufacturers to streamline operations, eliminate defects, reduce lead times, and maximize productivity. Implementing lean practices can help manufacturers be more responsive to customer needs while growing their bottom line.

The Workshop

This full-day program introduces the basic concepts of Lean manufacturing demonstrates the tools and methodology necessary to implement the learnings on the shop floor. The workshop combines interactive presentations with hands-on simulation of a production scenario.

Key Takeaways

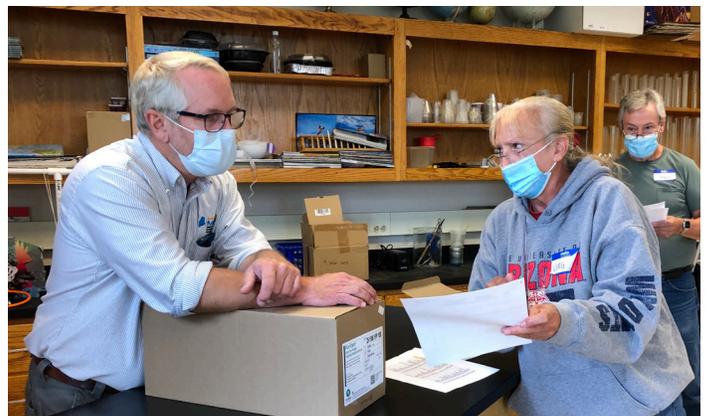
Participants will learn how to identify the wastes in manufacturing and experience how productivity can be improved by applying standard work, visual controls, quick changeover, batch size reduction, point-of-use storage, quality at the source, pull systems and more.

Who should attend?

If you are an Operations manager interested in exploring whether lean is a good fit for your business this workshop will give you a taste of the potential impact on your operations. If you are a company committed to lean manufacturing and need to provide training to your employees on the fundamentals of lean manufacturing this class is for you.

Number of Participants: 7-10 or 12-20

Time Required: 8 Hours



The hands-on format delivers a number of key “ah ha!” insights that are difficult to acquire through traditional learning methods.

We were able to engage our employees which improved our culture and communication company wide. We also increased capacity and reduced costs. Betsy Vickery, Vice President, WS Emerson