For manufacturing organizations looking to improve business results by reducing waste, rework, complexity and delays in their processes and system.

# LEAN MANUFACTURING CERTIFICATE PROGRAM

## Course Overview

In this comprehensive program you will learn how to plan, lead and manage a Lean improvement initiative in a manufacturing business. Tools and methods for applying the Lean improvement strategy will be introduced with hands-on exercises and tutorials to ensure rapid learning and knowledge retention. Participants will also be required to work on a company-approved Lean improvement project during and between the training sessions. On completion of this training program you will:

- *Provide a financial return for your company by completing a company-sponsored and approved Lean improvement project.*

- *Complete a Value Stream Map of company core business processes and use this map to identify and prioritize future performance improvements.*

- *Understand current levels of performance of company operations and how to orchestrate future performance improvements.*

- *Learn a structured approach to Lean and how to apply the Lean tools and methods in your company's work environment.*

- *Learn how to plan and facilitate Kaizen Events (Rapid Improvement Workshops) and how the Kaizen Event approach creates breakthrough improvements in bottom-line business results*

- *Learn how to identify future Lean improvement projects aligned with company priorities for customer satisfaction and profitability.*

## Who Should Attend

This course is designed for managers, supervisors and team members, who want to learn how to plan, lead and manage a Lean initiative in a manufacturing business.

## Course Prerequisites

Participants in this training course should be assigned a company approved Lean improvement project to work on during and between the training sessions. The instructor will also be available to assist you to select an appropriate improvement project and to provide support on challenges presented by this project during and between the training sessions. No prior knowledge of Lean is required.

## Course Duration

This course will take 10 days (80-days) to complete. Training sessions are delivered in five, 2-day sessions over a 3 - 4 month time frame. A training schedule and outline is provided on the page below.

# LEAN MANUFACTURING CERTIFICATE PROGRAM

| LEAN CERTIFICATE TRAINING PROGRAM SCHEDULE | | |
|---|---|---|
| **Date** | | **Topics Covered** |
| To be determined | Module 1 | • Course Overview<br>• Project Requirement<br>• Lean Enterprise Overview<br>• Lean Simulation |
| To be determined | Module 2 | • War on Waste<br>• Strategic Value Stream Mapping (VSM)<br>• Tactical (Shop Floor) Value Stream Mapping |
| To be determined | Module 3 | • Structured Problem Solving<br>• The A3 and Its Uses |
| To be determined | Module 4 | • Solutions: Key Lean Principles and Methods<br>• Measurement Systems |
| To be determined | Module 5 | • Mistake Proofing<br>• Set Up Reduction |
| To be determined | Module 6 | • Total Productive Maintenance (TPM)<br>• Autonomous Maintenance |
| To be determined | Module 7 | • Facilitating a Kaizen Event |
| To be determined | Module 8 | • Creating a Lean Culture<br>• Sustaining a Lean Culture |
| To be determined | Module 9 | • Strategy Deployment<br>• Optimizing Improvement Resource Allocation<br>• Effective Meetings |
| To be determined | Module 10 | • Project Presentations<br>• Course Wrap Up |

# LEAN MANUFACTURING CERTIFICATE PROGRAM

## Course Lean Certification

A Lean Manufacturing Certificate will be awarded to participants who complete the 10 training days, all classroom assignments and one Lean improvement project for their company. Completed improvement projects and assignments will be reviewed by the instructor for completeness and appropriate use of Lean tools and methods.

## Training Course Materials

Participants in this training program will be provided with all necessary texts, workbooks, and templates.

## Training Course Fees

ETI Group can present this training program at your facility. Your cost, including workbooks, materials and software for up to twelve participants is $22,500.00. Additional participants, up to a maximum of twenty people will cost an additional $475 per person. This training course can also be "tailored" to meet the specific learning needs of your organization.

**For more information please contact:**

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