



LEAN IMPLEMENTATION CERTIFICATION

Take your Lean education to the next level.

Most Lean programs teach you the fundamentals, but very few help you put those tools into action. In this 13-week, intensive course you'll go from concept to implementation with results-driven projects, access to industry experts, and one-on-one project coaching at your facility. The ultimate goal of this course is to put Lean into action, resulting in **cost savings for your organization**.

Course Objectives:

- Explore the fundamentals of Lean manufacturing, including the eight wastes
- Improve quality, efficiency, profitability by implementing Lean
- Create value stream maps to document, analyze, and improve processes
- Learn Lean culture's role in maintaining an environment of continuous improvement
- Transform the appearance and functionality of a workplace and improve quality, efficiency, and profitability using 5S
- Implement problem-solving methods, tools, and techniques
- Use set-up reduction and quick changeover techniques (QCO) to save both time and money
- Achieve dramatic improvements in uptime and capacity utilizing total productive maintenance (TPM)
- Learn to effectively facilitate Kaizen events
- Identify project-management strategies to successfully implement continuous improvement projects
- Implement methods to measure financial impact

Intended Audience:

- Individuals in manufacturing environments that lead/influence continuous improvement projects and/or activities

Please note:

- In order to receive Lean Implementation certification, participants must complete an instructor-approved project and pass the written exam.

*Individuals will receive a half-day of project coaching at their location in Indiana. Out-of-state participants will have web meetings as needed.

COURSE OUTLINE

Week 1 | Fundamentals of Lean, Lean Culture, and 5S Classroom

Week 2 | Value Stream Mapping Classroom

Week 3 | Problem Solving using PDCA, A3, and Root Cause Analysis Classroom

Week 4 | Value Stream Mapping and A3 Review and Project Selection Classroom

Week 5 | Quick Changeover and Total Productive Maintenance Classroom

Week 6 | How to Run a Kaizen Event, Project Management, and Project Financials Classroom

Week 7 | Exam review webinar and online exam Online

Week 8 | Students working on projects Remote

Week 9 | On-site coaching for 1/3 of the teams

Week 10 | On-site coaching for 1/3 of the teams

Week 11 | On-site coaching for 1/3 of the teams

Week 12 | Students finalize project presentation Remote

Week 13 | Presentation of project results and receipt of certification Classroom