

Certified Professional Lean Practitioner
Workshop & Implementation Requirements

	Hours	Price
CERTIFICATION IN LEAN OPERATIONS (CLO)		
Principles of Lean Manufacturing	8	\$250.00
Visual Workplace/ 5S	8	\$250.00
Value Stream Mapping	16	\$500.00
Leading Lean Transformation	4	\$125.00
Improved Communication	4	VARIES
Working Together (Group Dynamics)	4	\$94.00
Enhancing Performance	4	\$94.00
Team Building/Problem Solving	4	\$94.00
Qualifying Elective	4	VARIES
IMPLEMENTATION *	84	no fee

CERTIFICATION IN LEAN APPLICATIONS (CLA)

completion of CLO plus:

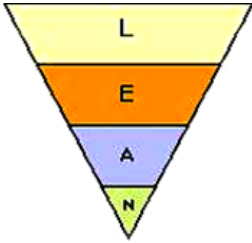
Pull/Kanban Systems	8	\$250.00
Rapid Improvement (Kaizan)	8	\$280.00
Setup Reduction	8	\$280.00
Cellular Flow	8	\$280.00
Total Productive Maintenance	8	\$250.00
Supervisory Certificate	42	\$995.00
IMPLEMENTATION *	116	no fee

CERTIFICATION IN PROFESSIONAL LEAN LEADERSHIP (CPLL)

completion of CLA plus:

The Lean Office	8	\$280.00
Project management	8	\$187.00
Advanced Topics in Project Management	8	\$248.00
Performance Measurement	4	\$85.00
Policy Deployment	8	\$280.00
Train the Trainer	8	\$190.00
Fact Finding Research *	8	\$0.00
Advanced Leadership	24	\$170.00
Intro to Lean Six Sigma	16	\$250.00
Electives	20	\$625.00
IMPLEMENTATION *	100	no fee

* Guidelines will be provided to candidate. Presentation at Southeast Iowa Lean Consortium meeting, or another approved forum is required.



General Knowledge Certificates

Certificate in Lean Principles	Hours	Price
<u>Principles of Lean Manufacturing</u>	8	\$250.00
<u>Visual Workplace/ 5S</u>	8	\$250.00
<u>Value Stream Mapping</u>	16	\$500.00
<u>Leading Lean Transformation</u>	4	\$280.00
Certificate in Lean Operations		
<u>Principles of Lean Manufacturing</u>	8	\$250.00
<u>Visual Workplace/ 5S</u>	8	\$250.00
<u>Value Stream Mapping</u>	16	\$500.00
<u>Leading Lean Transformation</u>	4	\$280.00
<u>Pull/Kanban Systems</u>	8	\$250.00
<u>Rapid Improvement (Kaizan)</u>	8	\$280.00
<u>Setup Reduction</u>	8	\$280.00
<u>Cellular Flow</u>	8	\$280.00

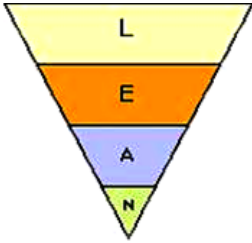
LEAN OPERATIONS

Lean 101 - Principles of Lean Manufacturing

Combined classroom and hands-on simulation of an operating factory in a 1-day, 8-hour course. The first step to learning the principles of lean manufacturing, no previous experience is required. The course is a mix of classroom and live simulation. Participants begin by manufacturing simulated circuit boards in a traditional forecasted manufacturing setting. The results of the simulation provide the basis for continuous improvement applying lean manufacturing principles. Performance improvements are measured and compared for improved results.

8.5 hour workshop

Fee: 250.00



Visual Workplace/5S

This is a core requirement for any Lean certification which will be held at CIVCO in Kalona. Don't miss this opportunity to take this course and see how to implement 5S on the shop floor. Directions to class will be sent to all who register.

8.5 hour workshop

Fee: \$250.00

Value Stream Mapping

Value stream mapping (VSM) creates a visual representation of all product and information flows from raw material to shipping. By including all value adding and non-value adding (waste) activities in the value stream needed to produce the product, the current-state map identifies improvement opportunities and the logical sequence for implementing them. The future-state map is then drawn to create the blueprint for lean transformation. By incorporating the improvements to be implemented, the future-state map shows what the future process could and should resemble. By applying VSM to a high-priority pilot process, companies can demonstrate results that will assure continued interest in applying lean concepts.

8.5 hour workshop

Fee: \$500.00

Leading Lead Transformation

Learn to lead and manage the culture change. Translate vision in to reality. Prioritize actions through policy deployment. Learn to introduce new products more smoothly and in less time.

4 hour workshop

Fee: \$125.00

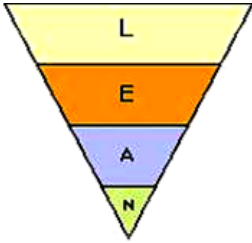
Understanding Personal Listening Approaches

(Meets the Improved Communication requirement)

Learn to listen and hear what is really being said; motivate others to give you the information you need. Increase positive information flow to enhance productivity and performance. Strengthen staff trust and morale

4 hour workshop

Fee: \$94.00



Working Together (Group Dynamics)

This course will deliver strategies and skills to establish team member roles & responsibilities, identify misunderstandings in conflict, cooperate & negotiate for results.

4 hour workshop

Fee: 94.00

Enhancing Performance

Understand your behavioral tendencies and how it affects others. Learn to adapt behavior and develop strategies for working together. Accomplish tasks by improving relationships with others. Understand and appreciate individual behavioral differences.

4 hour workshop

Fee: \$94.00

Problem Solving for Teams

Participants will explore strategies and skills to define the problem, foster creative solutions, identify participant qualifications for a given problem and select problem solving techniques

4 hour workshop

Fee: 94.00

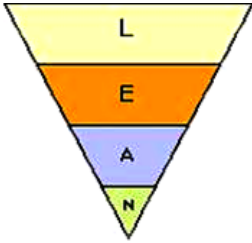
LEAN APPLICATIONS

Pull/Kanban Systems

Students will learn how to control shop floor inventory and production schedules by implementing pull systems. This course teaches how to design and implement a visually driven, employee controlled material replenishment system. Participants also learn how to implement repetitive and non-repetitive pull systems, to set up point-of-use material storage, to interface with planning systems, and to balance lot sizes with capacity, not economic.

8.5 hour workshop

Fee: \$250.00



Kaizen (Rapid Improvement)

Kaizen: The philosophy of continuous improvement. Learn the elements of rapid improvement: making changes in the workplace, selecting and using cross-functional teams, conducting successful kaizen events, and creating an effective support structure.

8.5 hour workshop

Fee: 250.00

Setup Reduction

This course teaches the fundamental principles of set-up reduction. The instructor will clearly define set-up and discuss reasons and barriers to reducing set-up time. The course follows the principles first expressed by Dr. Shigeo Shingo and his work in Single Minute Exchange of Dies (SMED). Participants learn the standard methodology in applying SMED to any type set-up industry.

8.5 hour workshop

Fee: \$280.00

Cellular Flow

A combined classroom and hands-on simulation to link and balance operations, reduce lead times, minimize work in process, and optimize floor space in a 1-day, 8-hour course.

This hands-on course teaches how to link and balance manufacturing operations to reduce lead times, minimize work in process, optimize floor space usage, and improve productivity. The instructor leads the class through the 5-step process for designing and implementing

8.5 hour workshop

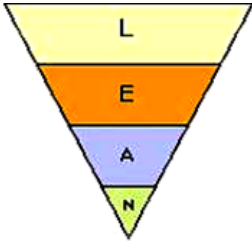
Fee: \$280.00

Total Productive Maintenance

This course offers the student a method to proactively maintain machines and equipment at their peak productivity. Participants come away with an understanding of TPM and its five major components. Each student should understand how TPM increased overall equipment effectiveness and how it can help avoid interruptions to production. The course provides a deep understanding of the seven steps to process maintenance.

8.5 hour workshop

Fee: \$250.00



Vital Learning (Supervisory Certificate)

The purpose of the Supervision and Management Certificates is to provide individuals currently employed an opportunity to gain a broad knowledge of the principles of management and business functions. This program is also beneficial to people currently employed in the supervision or management field who wish to upgrade and improve chances for promotion.

12 - 3.5 hour workshops

Fee: \$948.00

PROFESSIONAL LEAN LEADERSHIP

The Lean Office

This office lean class is preferred by financial, Health Care, Insurance, as well as manufacturing institutions to improve efficiency, streamline work processes, and reduce waste in the system. Participants learn challenges of moving lean concepts to the “front of the house.” Special focus on translating visual workplace and pull system principles into the office.

8.5 hour workshop

Fee: \$280.00

Intro to Project Management

Increase your awareness of key project management behaviors. Participants will define a project, identify critical components for project management at each stage and develop a personal action plan for applying project management skills.

Two 4 hour workshops

Fee: \$187.00

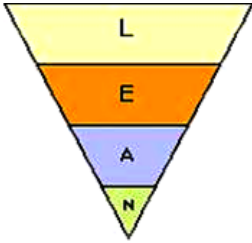
Microsoft Project

Learn to use this powerful program as a tool for Project Management.

Two 4 hour sessions

Two 4 hour workshops

Fee: \$248.00



Lean Certification Workshops

Performance Measurement

Learn various measurement systems, from the basic to the complex. Participants will consider a wide variety of measurement needs, from the shop floor to top management reviews. Find out what works to get measured results.

4 hour workshop

Fee: 85.00

Policy Deployment

Learn the importance of aligning continuous improvement efforts with company goals and current business needs. Participants will explore methods to improve focus on business goals and translate these activities into a strategy with measurable financial results. Communication, cooperation, and progress monitoring are stressed.

8.5 hour workshop

Fee: \$280.00

Train with your Learners in Mind

(Meets 8 of 12 hours train -the- trainer requirement)

Identify myths about adult learners and know what to do about them. Recognize four learning styles and how to accommodate learning needs. Incorporate interactive strategies into your training presentation and design your own interactive training.

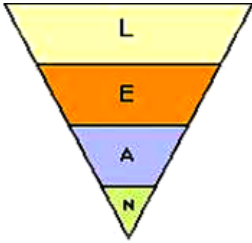
8.5 hour workshop

Fee: \$190.00

Fact Finding Research

This short meeting will spell out the requirements for the Fact Finding Research component of the CPLL, Certification in Professional Lean Leadership. This is a requirement of the "third level" certification. There will be no cost to enroll for this course. Need only attend one of these meetings to learn about the course requirements.

Fee: N/A



Lean Certification Workshops

Whack on the Side of the Head – How to be More Creative

“WHACK” yourself out of habitual thought patterns and look at what you’re doing in a fresh way. Open the mental locks that prevent emergence of new ideas. Practice Roger von Oech’s four roles of the creative process: Explorer, Artist, Judge, and Warrior. 1 3 hour session satisfies Advanced Leadership and/or Train the Trainer requirements.

3 hour workshop

Fee: \$170.00

Intro to Lean Six Sigma

An instructor facilitated online course has been identified and evaluated. This ed2go course will meet the Intro to Six-Sigma requirement of the CPLL, Certification in Professional Lean Leadership.

Fee: \$250.00

Electives

Fee: \$625.00