

### What is a Lean Expert?

Lean Experts are individual contributors from various discipline areas who are process-focused, results-driven, and implementation oriented.

Lean Experts are driven to effectively develop and lead improvement projects, work with and advise management on the formulation and subsequent implementation of improvement plans, and utilize and disseminate Lean tools and methods. Lean Experts are the capability builders who link all levels of an organization together.

### Results From Recent Projects

Direct Savings \$1,000,000  
Improved Setup 50% - 60%  
Doubled Production  
Reduced Downtime 50%  
Avoided Significant Capital Purchase Over \$400,000

### Course Materials

Participant instructional materials for Lean Expert training include class workbooks, reference text, and handouts. Licensing is available for all training material including electronic and hard copy versions.

### Lean Expert Certification

To become a GEI Certified Lean Expert, each candidate must demonstrate the use of Lean tools and techniques. They must also demonstrate the dollar savings and benefits achieved. Upon completion of the course, each candidate will receive a certificate.

### Lean Expert Program Description

It must be emphasized there is NO training without implementation. Trainers instructing this program empower participants with the proven Lean tools, techniques, and methodologies to propel their organization to "Lean" status.

They eliminate waste, reduce costs, improve cycle times, reduce defects, and increase customer satisfaction. The training waves are held on and around shop floors and business offices in four one-week sessions. Each session is separated by approximately three weeks so Lean Experts can apply what they've learned to specific projects in their business environments

between classes. Each project is expected to produce significant cost savings.

### L.E.S.S. Is More

#### Session One: Leading Lean

- Recognize Lean principles, practices, and terms
- Recognize potential for Lean
- Recognize Lean Critical Success Factors (CSF's) and define your current state
- Develop a baseline using assessment tool
- Define the tie between Lean & Six Sigma efforts
- Implement a 5S project

#### Session Two: Executing Lean

- Define an implementation model for a Pull System
- Recognize the requirements of a Pull System
- Recognize and overcome barriers to a Pull System
- Define the actions required to start a Pull System
- Implement a Pull System/JIT project

#### Session Three: Supporting Lean

- Analyze and improve support systems required for Pull Production
- Measure and control Pull System using feedback and Visual Control System
- Define types of support (6Ms) on a Pull System
- Implement a TPM, Change-over Reduction, or Quality Improvement project

#### Session Four: Sustaining Lean

- Define systems, culture, and policy barriers to a Pull System
- Define and integrate Value Chain Management
- Integrate a continuous improvement culture
- Define next steps and develop an action plan with Champion/sponsor commitment
- Implement a white-collar support system project

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