



# Certified Lean Master

Creating lean supply chains for manufacturing, distribution, retail, service, and virtual organizations

## The Certified Lean Master program:

A multi-session program with a complete package of education and coaching on the creation of lean supply chains.

3 educational sessions of 3 days each with a 4 week break between sessions for participants to apply the knowledge to their lean initiative.

Participants improve one value stream at their organization, create quantifiable improvements, and begin seeing immediate results.

A certification exam and the opportunity for participants to earn personal recognition as a Certified Lean Master.

### 3 sessions of 3 days equals 9 days of instruction:

**A: Crafting a lean initiative and value stream mapping**

**B: Creating flow and leveraging pull**

**C: Lean supply chains and the CLM exam**

Developing leadership skills through education, application, and coaching

**Lean: the systematic elimination of waste**

Session A: Discussions include the 5 principles of lean, defining value, the 7 types of waste, lean simulations, kaizen blitz events, building a business case, organizing for success, value stream mapping, and other topics related to effectively launching a lean initiative. Participants leave with an initial business case and a 30-day plan of attack.

Session B: Participants return and present their current state value stream map. Discussions include kanban, the 5S system, six sigma, visual controls, point of use, high flexibility scheduling, changeover reduction, performance measurements, takt time, supply chain collaboration, and other topics related to creating flow and leveraging pull. Participants leave with a new 30-day plan of attack.

Session C: Participants return and present their progress in creating flow and leveraging pull. Discussions include total landed cost, product development, lean and green, mass customization, supply chain audits, and other topics related to creating a lean supply chain. Participants take the CLM exam and leave with an updated project plan for completing their lean transformation.

Support: Participants will have telephone and email support between sessions to discuss progress and alternatives for meeting the milestones in their project plan.

Optional: Organizations can bring in an expert to perform a lean supply chain audit and create a roadmap for achieving a lean supply chain certification.

### Dates & Locations

Longmont, CO  
A: Jan 14-16, 2009  
B: Feb 18-20, 2009  
C: Mar 25-27, 2009

Westminster, CO  
A: Feb 4-6, 2009  
B: Mar 11-13, 2009  
C: Apr 15-17, 2009

Toronto, ON  
A: Mar 2-4, 2009  
B: Apr 6-8, 2009  
C: May 11-13, 2009

Boulder, CO  
A: Mar 2-4, 2009  
B: Apr 6-8, 2009  
C: May 11-13, 2009

Hoffman Estates, IL  
A: Apr 1-3, 2009  
B: May 6-8, 2009  
C: Jun 10-12, 2009

Denver, CO  
A: Apr 6-8, 2009  
B: May 11-13, 2009  
C: Jun 15-17, 2009

Hong Kong  
A: Apr 22-24, 2009  
B: May 20-22, 2009  
C: Jun 24-26, 2009

Naperville, IL  
A: May 13-15, 2009  
B: Jun 17-19, 2009  
C: Jul 22-24, 2009

Contact us for information on other locations.

Register on-line at [www.iscea.com](http://www.iscea.com) or call ISCEA at 800.817.9083



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### The CLM Exam

- A. 150 multiple choice questions equals 300 available points.
- B. 5 essay questions equals an additional 100 available points.
- C. 300 total points are required to pass the exam.
- D. A maintenance program promotes continuing education and on-going lean supply chain development.

### Lean Supply Chains



### Who Should Attend

- Executive Management
- Manufacturing
- Change Agents
- Supply Chain Management
- Engineering
- Logistics
- Purchasing
- Project Leaders
- Master Scheduling
- Marketing
- Information Technology
- Finance
- Customer Service

## Learn

## Debate

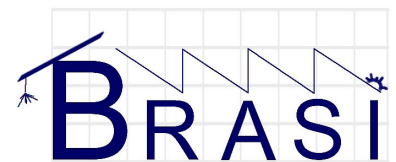
## Apply

**Participants will have telephone and email support between sessions to discuss progress and alternatives for meeting the milestones in their project plan.**

Certified Lean Masters are change agents that deliver results in meeting business objectives and contribute significant improvement to an organization's bottom line. They stimulate thinking by challenging conventional wisdom and providing options for the successful application of lean concepts across the supply chain from suppliers to customers and beyond.

**\$3,450 per person\***

\*10% discount for teams of 4 or more



**Transformance Advisors Inc.**  
*transformations to higher performance*



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