LEAN FUNDAMENTALS
Course Code: 2108

Lean is a systematic approach to identifying and eliminating the eight wastes - considered non-value-adding activities - through continuous improvement by flowing the product completely at the pull of the customer. The eight wastes are: waiting, defects, extra processing, inventory, excessive motion, transportation, over production, and underutilized employees.

Certification:
Upon completion of this four-day program, attendees can submit a project for a Lean Agent certification.

What You’ll Learn
• Lean concepts and tools and how they apply to all types of processes and industries
• Use Lean methods and data to reduce costs, shorten cycle times, expand capacity, and improve productivity
• How Lean and Six Sigma are highly complementary
• Difference between successfully instilling Lean Thinking and running the next "Flavor of the Month" program
• Get input from knowledgeable instructors regarding specific concerns and projects to start on a proven path to success

Who Needs to Attend
All types of service and manufacturing organizations that experience the following challenges:
• Missed order dates
• High product or service cost relative to the competition
• Losing market share due to increased delivery time or cost problems
• Limited production capacity - space is used by inventory
• Lean concepts and tools and how they apply to all types of processes and industries
• Use Lean methods and data to reduce costs, shorten cycle times, expand capacity, and improve productivity
• How Lean and Six Sigma are highly complementary
• Difference between successfully instilling Lean Thinking and running the next "Flavor of the Month" program
• Get input from knowledgeable instructors regarding specific concerns and projects to start on a proven path to success
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| CLASSROOM LIVE | $2,000 USD | 4 days |

Classroom Live Outline

1. Introduction
   • Course Overview
   • Introduction to Lean
   • Linkage to Six Sigma

2. Lean Mentality: Muda (Waste) Elimination
   • The Hidden Office/Factory
   • Seven Types of Waste
   • Eliminating Waste

3. Mapping the Value Stream
   • Value Stream Mapping
   • Different Types of Maps
   • Foundation for Lean Events

4. Lean Events
   • Kaizen
   • Running a Typical Five Day (or Shorter) Event

5. Constraints
   • Finding the Bottlenecks in a Process Flow

6. Flow and TAKT Time
   • Movement Through the Value Stream
   • Rate or Rhythm of Flow Through each Process

7. Pull Systems and Kanban
   • All Activity is Pulled by Customer Demand
   • Simple Visual Signals

8. 5S Implementation
   • A Systematic Approach to Organizing the Work Space
• NOT Just Housekeeping!
9. Poka Yoke (Mistake Proofing)
   • Reducing the Opportunity for Human Errors to Affect the Process
10. Lean Management Principles
   • How to Make it Happen and Make it Last in an Organization
11. Job Instruction Training
   • Transferring Knowledge in a Quality Process

Jun 24 - 27, 2019 | 8:00 AM - 5:00 PM | BOSTON, MA
Jul 9 - 12, 2019 | 8:00 AM - 5:00 PM | PORTLAND, OR
Aug 5 - 8, 2019 | 8:00 AM - 5:00 PM | SEATTLE, WA
Sep 9 - 12, 2019 | 8:00 AM - 5:00 PM | MINNEAPOLIS, MN
Sep 30 - Oct 3, 2019 | 8:00 AM - 5:00 PM | DALLAS, TX
Oct 21 - 24, 2019 | 8:00 AM - 5:00 PM | EAST PROVIDENCE, RI
Oct 28 - 31, 2019 | 8:00 AM - 5:00 PM | SAN FRANCISCO, CA
Dec 3 - 6, 2019 | 8:00 AM - 5:00 PM | ,
Dec 9 - 12, 2019 | 8:00 AM - 5:00 PM | SAN ANTONIO, TX
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<tr>
<th>VIRTUAL CLASSROOM LIVE</th>
<th>$1,400 USD</th>
<th>3 days</th>
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- **Jun 4 - 6, 2019 | 8:00 AM - 5:00 PM EST**
- **Aug 27 - 29, 2019 | 8:00 AM - 5:00 PM EST**
- **Nov 19 - 21, 2019 | 8:00 AM - 5:00 PM EST**
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PRIVATE GROUP TRAINING 4 days

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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