Caldwell & Associates LLC
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Process Improvements with Dynamic Bottlenecks Workshop

Course Content

This 1-day course focuses on fundamental Lean Six Sigma concepts and techniques that improve manufacturing, government, non-profit, and service processes. It will introduce and demonstrate how to best manage dynamic bottlenecks in any process to increase throughput, capacity, and revenue. Our Fighter Aircraft Plant Physical Interactive Workshop allows participants to learn and apply process improvement techniques and concepts. We all learn better by doing activities than from lectures alone.

Course Objectives

- To learn how to improve any process while maintaining and improving quality and safety.
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- Learn how to systematically determine and manage dynamic bottlenecks to increase throughput, capacity, and revenue.

- Learn the Lean Six Sigma principles of product and service flow to improve any process.

Price: $395/seat

Course Outline

- **Process Design**
  - Lean Six Sigma Design for Manufacturing and Services
- **Process Improvement Tools**
  - SIPOC
  - Spaghetti Diagram
  - Service & Product Process Flow Charts
  - Value Stream Maps
  - Swim Lane Diagram
- **Principles of Product and Service Flow**
  - Batch vs. One Piece Flow
  - Push and Pull Systems
- **Managing Methods for Dynamic Bottlenecks**
  - Simple Bottlenecks
  - Dynamic Bottlenecks
  - Takt Time
  - Just-In-Time (JIT)
  - Kanbans
- **ABC Fighter Aircraft Plant – Physical Interactive Workshop**
  - Current State Fighter Aircraft Process
  - Future State Fighter Aircraft Process
  - Fighter Aircraft Process Comparison Analysis



www.CaldwellLeanSixSigma.com