

# Lean Six Sigma/Process Improvement E-Learning Library



**"Your content was the best we found, but, best of all, yours was customizable!"**

## Key Features

### Engaging

Ask e-Learners ... we produce the best e-Learning. When you experience our design, real-life scenarios, compelling interactivity, studio-quality video, appealing graphics, professional audio, and dynamic self-assessments, you'll see why our e-Learning is tops.

### Flexible and Modular

Make the e-Learning fit you. It's easy. Use only what you need. Deploy stand-alone for individuals and blended for classes. Teach less, not more. Fine-tune with surveys, questions, and learning paths. And if you need 'custom', no one has a better process or more experience.

### Total Control

"You thought of everything" ... well, not quite, but we do have customers who think so. With course delivery via our OpusWorks® e-Platform, you have unprecedented tracking, reporting, and administrative capabilities. And it's simple to either link to an enterprise system or run totally standalone.

## Course Modules

### Six Sigma

- ▶ Six Sigma Introduction
- ▶ Managing Teams and Projects
- ▶ Voice of Customer
- ▶ Pareto Analysis
- ▶ SIPOC
- ▶ Introduction to Process Mapping
- ▶ Calculating Process Based Costs
- ▶ Validating the Measurement System
- ▶ Cause and Effect Diagram
- ▶ Scatter Diagram
- ▶ Failure Mode and Effects Analysis
- ▶ Introduction to Process Capability
- ▶ Process Capability Assessments
- ▶ Maximizing ROI
- ▶ Sustaining ROI

- ▶ Types of Control Charts
- ▶ Extending ROI

### Lean

- ▶ Lean Six Sigma Fusion
- ▶ Introduction to Lean Principles
- ▶ Introduction to Lean Office
- ▶ Principles
- ▶ Eight Wastes
- ▶ Current State Value Stream Mapping
- ▶ Future State Value Stream Mapping
- ▶ Kaizen Events
- ▶ 5S
- ▶ Visual Management
- ▶ Standard Work
- ▶ Error Proofing
- ▶ Changeover Reduction
- ▶ Total Productive Maintenance
- ▶ Workplace Design & Layout
- ▶ Flow & Pull Systems

### Descriptive Statistics

- ▶ What is Statistics?
- ▶ Organization of Data
- ▶ Measures of Central Tendency
- ▶ Measures of Dispersion

### Probability

- ▶ An Introduction to Probability
- ▶ Probability Distributions: Discrete
- ▶ Random Variables
- ▶ Continuous Probability Distributions:
- ▶ Normal Curve

### Inferential Statistics

- ▶ Introduction to Inferential Statistics
- ▶ Confidence Interval for the Mean
- ▶ Making Inferences about Proportions
- ▶ Hypothesis Tests for the Mean
- ▶ Comparing Means
- ▶ Making Inferences about Variances

### Regression Analysis

- ▶ Simple Linear Regression
- ▶ ANOVA

### Quality Tools Online

### Add-On Modules

- ▶ Green Belt Simulation
- ▶ Introduction to Data Collection
- ▶ Hypothesis Tests for Green Belts

- ▶ Hypothesis Testing for Nonparametric Data
- ▶ Introduction to Hypothesis Testing and p-value
- ▶ Managing Change
- ▶ Introduction to Project Management
- ▶ Introduction to Minitab
- ▶ Black Belt Test Prep Modules 1-5

### Additional Quality e-Learning

- ▶ Statistical Process Control (for operators)
  - SPC Basics (6 Modules)
  - SPC Advanced (5 Modules)
- ▶ ISO 9001:2008 Internal Auditor
- ▶ Delphi Effective Problem Solving
- ▶ Juran Problem Solving Series
- ▶ KEPNER and FOURIE Root Cause Analysis
- ▶ LeanCor Lean Garage
- ▶ MSSC Logistics & Certification

## A Complete Version for Health Care

- Awareness Level Lean Six Sigma Introduction
- Course Modules with health care terms, examples, scenarios
- Revised Guides and Materials
- Certification Tracks for YB, GB, BB

## A Complete Solution for Blended Learning

- Modules: generic, customized, custom (your IP), combination
- Menus: name, order, present as you want
- Guides: Student, Participant, Facilitator
- OpusWorks®: Collaborative development, dynamic delivery, robust deployment