

## COURSE LEARNING OBJECTIVES

### White Belt (1 CEU)

10 Total Hours

(8 hours online study, 2 hours classroom instruction)

Introduction to Six Sigma  
Introduction to Lean Principles  
Voice of the Customer  
Mapping the Process  
Eight Wastes

### Yellow Belt Plus (3 CEUs)

30 Total Hours

(22 hours online study, 8 hours classroom instruction)

Managing the Project  
SIPOC  
Kaizen Event  
Current State Value Stream Map (VSM)  
Future State VSM  
Cause and Effect Diagrams  
Flow and Pull Systems  
5S Methodology  
Visual Management  
Standard Work  
Workplace Design and Layout  
Controlling the Process

Our true Lean Six Sigma courses blend e-learning with personal training giving you the benefit of both approaches without compromising quality. Unlike many others, ours are complete courses, combining both continuous improvement approaches. Best of all, participants may receive Lean Six Sigma certification, an important national credential for their future success.

### Green Belt Plus (4 CEUs)

40 Total Hours

(24 hours online study, 16 hrs classroom instruction)

Lean Six Sigma Fusion  
What is Statistics?  
Organizing and Presenting Data  
Pareto Analysis, Process Based Costs  
Introduction to Sigma XL, Scatter Diagrams  
Measures of Central Tendency, Dispersion  
Descriptive Statistics: Self-Assessment  
Measurement Systems Analysis (MSA)  
Introduction to Process Capability  
Failure Mode and Effects Analysis (FMEA)  
Selecting the Solution  
Introduction to Design of Experiments (DOE)  
Error Proofing, Control Charts  
Total Productive Maintenance (TPM)

### Black Belt Plus (8 CEUs)

80 Total Hours

(64 hours online study, 16 hours classroom instruction)

Comparing ANOVA, Means  
Confidence Interval for the Means  
Continuous Probability Curves (Normal)  
Design of Experiments (Basic/Full Factorial)  
Hypothesis Testing for Non-Parametric Data  
Hypothesis Tests for the Means  
Inferential Statistics Self-Assessment  
Introduction to Probability  
Making Inferences About Proportions  
Making Inferences About Variances  
Managing Change  
Multiple Regression  
Project Management Introduction  
Probability Distribution, Discrete  
Random Variables

lean six sigma training.  
the way you need it.  
done right.

# LEAN SIX SIGMA



**BLENDED LEARNING (EBLS)**

*In today's competitive climate,  
the question isn't whether your  
students and employees need  
Lean Six Sigma training. It's only  
a matter of when.*



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ELECTRONIC BLENDED LEARNING SYSTEM (EBLS)

PROGRESSIVE MODEL  
160 Total Hours



**CERTIFICATION STEPS**

-  Capstone Required
-  Two Capstones & One Project Required
-  Two Capstones & Two Projects Required

STANDARD MODEL

