



**COMPANY AND INSTRUCTORS:**

Quantum Leap Engineering Inc. (QLE), is a systems integration group specializing in training and implementation of Six Sigma; Lean; Lean-Six Sigma; Design for Six Sigma (DFSS); Kaizen Events; Value Stream Mapping; Product & Process Cost Reduction; Supply Chain Programs and 5S programs. QLE provides public workshops and on-site training and consulting. Workshops in Statistical Methods, Statistical Process Control, Measurement System Analysis, Design of Experiments and others can be adapted and designed to meet your company's specific employee training requirements.

**Sean, P.E., CSSBB**, has over 25 years of operational, quality and engineering experience. He specializes in training and implementing Lean-Six Sigma Methodology and using Kaizens to accelerate the implementation of Lean-Six Sigma projects. Sean has a Master's degree in Engineering, is a graduate of the Business Management Program from MIT's Sloan School, is a registered Professional Engineer (PE) and a Lean-Six Sigma Master Black Belt.

**Mike, Ph.D.**, has over 30 years of experience in statistics. He specializes in Stats and DOE and trains companies in continuous improvent programs and quality system development/implementation.

“We learned a tremendous amount from your training. The Six Sigma projects were a great way to apply the tools and save the company money immediately-3 month payback.”

Vice President of Operations

**REGISTRATION**

Register at [www.SixSigmaPlusLean.com](http://www.SixSigmaPlusLean.com) or Fax Form to 508-643-7337.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Business Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Course cost is \$2,450



**Lean - Six Sigma  
Green Belt “Boot Camp”  
5 Day Certification Class**

**Nov. 14th - Nov. 16th - 1st week  
Nov. 21st - Nov. 22nd - 2nd week  
2011**



**Where: Southboro, Massachusetts  
or Burlington, Massachusetts**

**Lean + Six Sigma= Quantum Leaps in  
Efficiency and Profitability**

**TELEPHONE: (508) 954-0185**



## 5 DAY LEAN-SIX SIGMA GREEN BELT CERTIFICATION CLASS

The goal of this 5 day class is to teach the key problem solving skills (“soft “tools and statistical tools) in Six Sigma to allow your employees to solve difficult problems back at your facility.

ROI for this training is usually 3 months or less. In this 5 day course, the instructors will teach the following Six Sigma and Lean tools: (Introduction to Six Sigma, DMAIC Model, Gage R&R, Process Capability, Methods Probability and Statistical Methodology, FMEA, Cellular Design, ANOVA, basics of Design of Experiments (DOE), SPC basics, Control Charts).

Minitab statistical software (30 day trial) will be used in the class. For certification, the student will be required to take a 3 hour test and complete a Green Belt project.

*“Quantum Leap Engineering is very effective both at teaching the continuous improvement tools and working with the company to implement the changes. Our management demands ROI and that’s what Quantum Leap Engineering delivers.”*

Plant Manager

## GREEN BELT COURSE OUTLINE

### I. Define Phase: Lean-Six Sigma

- Lean-Six Sigma Introduction
- Lean-Six Sigma Concepts
- Project Charter



### II. Measure Phase: Lean Six Sigma

- Lean-Six Sigma Metrics
- Probability and Statistics Methodology
- Introduction to Minitab 16
- Introduction to Process Capability (Cpk/Cp)
- MSA, Gage R&R
- (MTM)-Methods and Time Measurements training
- Process Mapping

### III. Analyze Phase: Lean Six Sigma

- Hypotheses Testing
- Analysis of Variance Methodology (ANOVA)
- Minitab Analyze Phase Applications

### IV. Improve Phase: Lean Six Sigma

- Design of Experiments (DOE)
- Minitab Improve Phase Applications
- Design of Manufacturing Flow Lines
- Kaizen Technique

### V. Control Phase: Lean Six Sigma

- Control Charts: Variable & Attribute
- Poka Yoke
- Roadmaps for Lean-Six Sigma
- Case Studies

### VI. Green Belt Test

### VII. Green Belt Project



**COURSE COST IS \$2,450**

**Call Sean Anzuoni for additional  
information at 508-954-0185 or**

**E-mail [Sean@QuantumLeapEng.com](mailto:Sean@QuantumLeapEng.com)**

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**Please make checks payable to:  
Quantum Leap Engineering, Inc.**

**See [www.SixSigmaPlusLean.com](http://www.SixSigmaPlusLean.com)  
for other course offerings.**