



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., LSSMBB, 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.

Jerry, MS Statistics, has over 30 years of experience in statistics. He specializes in Stats and DOE and trains companies in continuous improvement 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: \_\_\_\_\_

Email: \_\_\_\_\_

Course cost is \$2,500.



Six Sigma  
Green Belt  
6 Day Certification Class

Dec 4<sup>th</sup>-Dec 6<sup>th</sup>, 2023 -Wk 1  
Dec 13<sup>th</sup>-Dec 15<sup>th</sup>, 2023- Wk 2



Where: Marlboro/Burlington, MA\*

\*Subject to change

Lean + Six Sigma = Quantum Leaps in  
Efficiency and Profitability

TELEPHONE: 508-954-0185



## 6 DAY SIX SIGMA GREEN BELT CERTIFICATION CLASS

The goal of this 6 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 6 day course, the instructors will teach the following Six Sigma (Introduction to Six Sigma, DMAIC Model, Gage R&R, Process Capability, Methods Probability and Statistical Methodology, 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 (QLE) 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. Six Sigma Introduction

- ▶ Six Sigma Methodology (DMAIC)

### II. Define Phase: Six Sigma

- ▶ Project Charter
- ▶ Team Phases/Team Dynamics

### III. Measure Phase: Six Sigma

- ▶ Six Sigma Metrics
- ▶ Probability and Statistics Methodology
- ▶ Intro. to Minitab-Version 21
- ▶ Intro. to Process Capability Cpk/Ppk
- ▶ MSA-Gauge R&R
- ▶ Process Mapping

### IV. Analyze Phase: Six Sigma

- ▶ Hypothesis Testing
- ▶ Analysis of Variance (ANOVA)
- ▶ Root Cause Corrective Action (RCCA)

### V. Improve Phase: Six Sigma

- ▶ Design of Experiments (DOE)
- Minitab Analysis- Regression

### VI. Control Phase: Six Sigma

- ▶ Control Charts-Variable and Attribute
- Poka Yoke

### VII. Review for Green Belt Test

### VIII. Green Belt Test



**COURSE COST IS \$2,500.**

Cost includes a 30 day access to  
Minitab 21 Software

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

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

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