



**Quantum  
Leap  
Engineering**

**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., LLSSMBB**, 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, Ph.D.**, 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 \$995.



**Quantum  
Leap  
Engineering**

**Lean - Six Sigma  
Yellow Belt  
3 Day Certification Class**

**January 14<sup>th</sup> – 16<sup>th</sup>, 2019**



**Where: Waltham/Burlington  
Southboro/Framingham\*,  
Massachusetts**

*\*Subject to Change*

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

**TELEPHONE: 508-954-0185**



### 3 DAY LEAN-SIX SIGMA YELLOW BELT CERTIFICATION CLASS

The goal of this 3 day class is to teach the key problem solving skills ("soft" tools and statistical tools) in Lean 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 3 day course, the instructors will teach the following Six Sigma and Lean tools: (Introduction to Six Sigma, DMAIC Model, SIPOC, Gage R&R, Process Capability, Root Cause Corrective Action Analysis, Cellular Design, 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 1 hour quiz.

*"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

## YELLOW BELT COURSE OUTLINE

### I. Lean-Six Sigma Introduction

- ▶ Overview of Lean-Six Sigma Concepts
- ▶ Lean-Six Sigma Methodology (DMAIC/DMADV)

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

- ▶ Lean-Six Sigma Project Charter
- ▶ Team Phases/Team Dynamics

### III. Measure Phase: Lean-Six Sigma

- ▶ Lean-Six Sigma Metrics
- ▶ Process Mapping
- ▶ Introduction to Minitab 18
- ▶ Introduction to Process Capability (Cpk/Cp)
- ▶ MSA, Gage R&R
- ▶ (MTM)-Methods and Time Measurements training

### IV. Analyze Phase: Lean-Six Sigma

- ▶ Root Cause Corrective Action Analysis (RCCA)

### V. Improve Phase: Lean-Six Sigma

- ▶ Introduction to Design of Experiments (DOE)
- ▶ Design of Manufacturing Flow Lines

### VI. Control Phase: Lean-Six Sigma

- ▶ Intro to Control Charts
- ▶ Poka Yoke
- ▶ Case Studies

### VI. Yellow Belt Quiz



**COURSE COST IS \$995.**

Cost includes a 30 day access to  
Minitab 18 Software

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

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

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