

# Quality & Productivity Solutions, Inc.

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## Lean Six Sigma Green Belt Certification

### **Course No. 113A**

This course is designed for personnel who desire Lean Six Sigma backgrounds and Green Belt Certification. This course is based on ASQ's Green Belt Certification Body of Knowledge and covers all Lean Six Sigma aspects. Green Belts support Black Belts and also conduct small projects for improvement.

### **Course Benefits**

Attendees learn to integrate Lean Six Sigma methodologies, to implement breakthrough improvements, to manage small scale Six Sigma projects and to support Black Belts in the deployment of Six Sigma techniques to achieve bottom-line success.

**Prerequisites:** None

**Certification Requirements:** Participants are required to participate in exercises and workshops in class and to successfully complete a written examination at the end of the class.

**Duration:** 9 days (averaging 36 hours per week for 2 weeks)

**Cost:** \$ 3,950 - includes materials and certification

### **Topics Covered:**

#### Lean: week 1 (4 days)

- ✓ Introduction on Lean
- ✓ How to Implement Lean
- ✓ Process Mapping & Value Stream Mapping
- ✓ Kaizen
- ✓ Standardized Work
- ✓ Team Management

#### Six Sigma: week 2 (5 days)

- ✓ Introduction
- ✓ Terminology
- ✓ Symbols, Acronyms & Abbreviations
- ✓ Lean Six Sigma Goals
- ✓ Toll Gate Review Process
- ✓ Define Teams & Customers
- ✓ Failure Modes and Effects Analysis
- ✓ Data & Process Analysis
- ✓ Probability
- ✓ Basic Statistics & Capability
- ✓ Measurement System Analysis
- ✓ Analyze Phase
- ✓ Improvement Techniques
- ✓ Control Concepts

**Instructor:** The seminar leader will be a Master Black Belt with 20 years experience in implementing these methodologies.

**Who Should Attend?** Anyone interested in supporting Lean and/or Six Sigma efforts should attend this course. This is an ideal course for those who might want to become Black Belts.

**For More Information:** Contact the Training Administrator: [info@qpsinc.com](mailto:info@qpsinc.com), Telephone: (508) 987-3800.

**Business Solutions Providers for Quality, Productivity and Performance Excellence**

*Experts in Lean Six Sigma, Management System, Supply Chain, Project  
Management and Professional Development*