



Quality & Productivity Solutions, Inc.

Consulting, Training & Auditing

***Your Partner for Improvement and
Compliance Since 1996***

**Most diversified offering of
over 400 courses**



Website: www.qpsinc.com Phone: (508) 786-0777 (508) 579-1006

Email: training@qpsinc.com, jayp@qpsinc.com

[linkedin.com/company/2070049/admin/feed/posts/](https://www.linkedin.com/company/2070049/admin/feed/posts/)
<https://www.facebook.com/TheQPSInstitute>
<https://twitter.com/TheQPSInstitute>



MAKING BOTTOM LINE IMPACT

Phone: (508) 786-0777 • Email: training@qpsinc.com

Website: www.qpsinc.com

Lean Six Sigma Green Belt Certification

Course No. 113A

This course is designed for personnel who desire a Lean Six Sigma background and a Green Belt Certification to maximize the organization benefits by process improvement and reducing waste. This course is based on ASQ's Green Belt Certification Body of Knowledge. Green Belts support Black Belts and conduct small projects for improvement.

Course Benefits

Attendees will gain a solid knowledge of Lean Six Sigma Initiative. The attendee will also benefit from using all the tools necessary to define, measure, analyze, improve and control six sigma projects.

Duration

Six Days (42 hours)

Prerequisites

High School Diploma or GED

Learning Objectives

At the end of this course, attendees will be able to:

1. Lead successful process improvement projects
2. Understand Lean Six Sigma
3. Understand role of leadership, champions, and project teams
4. Understand the LSS Process and DMAIC methodologies
5. See Lean Six Sigma as a collection of processes with correct inputs that delivers the right output
6. Understand how Six Sigma supports overall organization growth, mission, values, direction and sustainability
7. Know metrics, projects and team selection process
8. Know Define phase tasks, tools and techniques
9. Determine Voice of the customer
10. Develop teams
11. Map processes, how to identify VA and NVA
12. Conduct a Kaizen workshop
13. Complete basic statistics, process capability and distribution
14. Understand Analyze phase tasks, tools and techniques



MAKING BOTTOM LINE IMPACT

Phone: (508) 786-0777 • Email: training@qpsinc.com

Website: www.qpsinc.com

15. Understand Improve phase tools and techniques including 5S, visual controls, Kaizen, flow related tools and statistical tools
16. Understand standardization, and how it supports consistency and creating same way
17. Control processes
18. Transition improvement to process owners
19. Prepare project reports and have toll gate reviews

Topics Covered (Overview):

- Module 1: Introduction to LSSGB
- Module 2: Lean Six Sigma Orientation
- Module 3: DMAIC Methodologies
- Module 4: Define Phase
- Module 5: Project Team and Customers
- Module 6: Mapping
- Module 7: Measure Phase
- Module 8: Kaizen and Facilitation
- Module 9: Basic Statistics & Process Capability
- Module 10: Analyze Phase
- Module 11: Improve Phase
- Module 12: Standardization
- Module 13: Control Phase
- Module 14: Design for Six Sigma
- Module 15: QPS Project

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. This is an ideal course for those who might want to become Black Belts after.

For More Information:

Contact the Training Administrator: training@qpsinc.com or call (508) 786-0777.