

FLORIDA STERLING

Serving Florida as the epicenter for business quality through assessment, training, and recognition for performance excellence and proven results.

FLORIDA STERLING CONFERENCE | MAY 30 - JUNE 2, 2017 JW MARRIOTT ORLANDO GRANDE LAKES



Lean Six Sigma Yellow Belt Track and Certification

The purpose of these six workshops is to provide the essential knowledge to enhance your management and analytical skills, and your organization's performance.

Value: Through this program, the **Florida Sterling Council** ensures participants **achieve value** by providing the following:

- **Expert instructors** with experience in your field to ensure learning.
- Hands-on application of lean six sigma tools on **your** process to ensure immediate value to you and your organization.
- Concepts explained in an understandable manner with a professional **workbook** used in the course.
- **Access to ets'** web-based Lean Six Sigma Resource Center for post-course use and **ongoing** reference.

The Curriculum: The curriculum consists of the following 6 modules. Key topics in these modules include:

Module 1 - Process Management

- In-Process Measures (Ps), Outcome Measures (Qs), and Process Control Systems.

Module 2 - Process Flow Charts

- Flow Charts vs. Procedures, Flowcharting Rules, and Qualitative Analysis.

Module 3 - Lean Overview and Key Points

- Lean Philosophy, Lean Principles, Lean Tools including 8 Wastes and 5S.

Module 4 - Key Analytical Tools

- Line Graph, Histogram, Pareto Chart, and 5 Whys and how they are integrated in the Lean Six Sigma philosophy.

Module 5 - Cycle Time

- Prioritizing process improvement initiatives, cycle time, and standard deviation.

Module 6 - Process Improvement Using DMAIC

- DMAIC Steps with tools, such as: Selection Matrix Project Planning Worksheet, Cost of Poor Quality, Line Graph, Process Flow Chart, 8 Wastes, Checksheet, Histogram, Cause and Effect Diagram (Fishbone), Root Cause Verification Matrix, Countermeasures Matrix, Barriers and Aids Analysis, Action Plan, and a case study to evaluate the effectiveness of the DMAIC method application.

Each module is approximately 1¼ hours in length and include one hour of instruction, fifteen minutes of Summary, Q&A, and Workshop/Module Knowledge Retention Exam if you complete all six modules and want to be certified.

What you will learn - The following concepts and tools will be **learned and applied** in this course:

- Selecting a **priority** process for improvement.
- Identifying the process **customers** and their requirements.
- Developing **outcome and in-process measures** for controlling and identifying improvement opportunities.
- **Flowcharting** your process to understand where opportunities exist to improve quality, cycle time, and cost-effectiveness.
- Applying **lean** tools to identify the issues with the greatest potential impact.
- Understanding the powerful six sigma **DMAIC** methodology and learning important tips from an actual example.

Benefits:

- Obtain Lean Six Sigma Yellow Belt Certification from Florida's recognized benchmark for quality and performance excellence.
- A great value at only \$150 per person. (must be registered for conference)
- Bring a team and participate in other workshops and events during the conference.

With 99.6% participant satisfaction, this course proves that high value and low cost can be achieved.

"This course will have immediate beneficial impact on my organization!"
Florida Government Official

"What I learned in this course will help make my company more efficient and more competitive."
Hospital Executive

