



# Lean Six Sigma

## Green Belt Certification

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- Get Your Green Belt Certification\*

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# Lean Six Sigma Green Belt

1-Week Certification Class Plus Project Mentoring

## Course Objective

The Lean Six Sigma Green Belt course prepares participants to successfully lead improvement projects for their organizations. Students will gain expert knowledge of the Lean Six Sigma improvement methodology, preparing them to lead projects and advance their company's improvement efforts. The material combines Lean practices, centered on waste elimination and speed, with Six Sigma's focus on quality and structured problem-solving. Each participant begins a project concurrent with the training to immediately put gained knowledge into practice. Successful participation and project execution leads to Green Belt Certification.

## Expectations

Participants should come to class having selected a project important to their organization; CAS can help students identify a good project. Students will use the project in exercises during class and will complete the project in the weeks immediately after. CAS will provide up to four hours of project mentoring for each student at no additional cost.

## Time and Location

This one-week course will be held in Safety Harbor. The session starts each day at 8:00 and lasts until about 4:30. Lunch will be provided. Class time includes frequent breaks.

## Topics Include...

- Targeting the Problem
- The DMAIC Project Management Approach
- The Value of Process Speed
- Data Collection
- Tackling Waste in the Process
- Leading Effective Teams
- Root Cause Analysis
- 5S Workplace Organization
- Pull Systems
- Generating and Implementing Solutions
- Statistical Process Control

... And much more

### **\*CAS requirements for Green Belt Certification:**

- ⇒ Participate in class
- ⇒ Pass the take-home exam
- ⇒ Complete your project
- ⇒ Make project presentation to your Management

## What is Lean Six Sigma?

Lean Six Sigma is the leading process improvement approach in the business world today. "Lean Manufacturing" is all about efficiency and speed; it is used to eliminate wasteful activities, reduce turn-around time, and cut costs. Six Sigma reduces process variation to achieve consistent results and world-class quality. Lean Six Sigma merges these two proven methods into a powerful approach that achieves game-changing results.