

Program Title: **Lean Six Sigma Green Belt Certification**
Program ID: #1082277
Program Cost: \$4,950
Duration: 60 hours

Program Description

The Lean Six Sigma Green Belt Certification course is a complete training offering for professionals who want to learn the tools of Lean Six Sigma which help drive waste and lost opportunity from business operations. It includes the following class:

1. **Lean Six Sigma Green Belt class:** an 8 Day class that teaches the history of Six Sigma and Lean and teaches the tools of Lean used in the minimization of waste in business process while maximizing effectiveness and efficiency. A significant class project is undertaken to apply the tools of Lean. A Value Stream Mapping (VSM) exercise is elaborated as the class explores various topics. The class presents solutions to the instructor on the final day and the Certification Exam is administered.

Who should take this program?

This course is intended for professionals who wish to learn about the knowledge skills and tools associated with Lean. Prospective students will be able to perform value stream mapping exercises and assist Black Belts with corporate continuous improvement projects.

Why WGA?

WGA has distinguished itself in the market as a training provider that brings real-world experience to the classroom. WGA develops its own proprietary training materials with dedicated curriculum developers and instructors who are also practicing consultants. All instructors of this material have at least 20 years of senior experience managing projects. They have the ability to not only teach but to coach each student as the classes progress. WGA uses quality assurance and quality control as tools of continuous improvement in the training offerings we provide.

Class: Lean Six Sigma Green Belt

8 Day Class Curriculum

Week 1

1. Six Sigma Overview
2. Introduction to Lean Principles
3. Lean Six Sigma Roadmap Tools

DMAIC

4. Define
 - Project Definition and Scope
 - Project Objectives
 - Project Charter
 - Current State
 - Process Mapping
 - Value Stream Mapping
5. Measure
 - Statistical methods
 - Data Collection
 - Leadership skills
 - Project Planning

Week 2

6. Analyze
 - Process Analysis
 - Graphical Data Analysis
 - Statistical Data Analysis
 - FMEA
 7. Improve
 - Develop Solutions
 - Test Solutions
 8. Control
 - Develop Controls
 - Statistical Process Control
 - Lessons learned documentation
- Students will take the Lean Six Sigma Green Belt Exam