

Lean Six Sigma Green Belt Boot Camp

Course Overview

The accelerated Lean Six Sigma Green Belt program and methodology allows students to complete certification requirements faster than traditional Six Sigma and Lean training programs. NOTE: The cost of the certification exam is included with the price of the course. Additionally, this course will earn you 28 PDUs.

Course Objectives

This four-day course, combined with a Green Belt test and demonstrable application of the tools will lead to Green Belt certification.

This is a 4-day class

Upcoming Dates

Date	Time	Where
10/14/2019	9:00AM - 5:00PM	Online LIVE
10/28/2019	9:00AM - 5:00PM	Online LIVE
10/29/2019	11:00AM - 7:00PM	Online LIVE
11/11/2019	9:00AM - 5:00PM	Online LIVE
11/19/2019	9:00AM - 5:00PM	Online LIVE
12/02/2019	11:00AM - 7:00PM	Online LIVE
12/09/2019	9:00AM - 5:00PM	Online LIVE
12/16/2019	9:00AM - 5:00PM	Online LIVE

[View All Course Dates & Register Today](#)

Course Outline

1 LEAN SIX SIGMA INTRODUCTION

Introduction to Lean Six Sigma
Overview Lean Six Sigma Principles & Terminology
Roles and Responsibilities in a Lean Six Sigma Organization
Value Stream Maps
5S
7 Wastes
Project Selection

2 DEFINE PHASE

Voice of Customer
Project Charter
Process Mapping (high level and detailed mapping)

3 MEASURE PHASE

Selecting Measures: $Y=f(x)$
Data Collection Planning
Baseline Data Collection
Basic Statistics

4 ANALYZE PHASE

Process Analysis (Non-Value Add vs. Value Add)
Graphical Analysis
Determining Root Cause

Lean Six Sigma Green Belt Boot Camp

5 IMPROVE PHASE

Lean Solution Concepts: Standard Work, Batch Size Reduction, Work Cells, Kanban, Pull Systems and Kaizen Events

Brainstorming Solutions to Address Root Cause

Solution Selection, Pilot and Implementation

Improvement Data Capture

6 CONTROL PHASE

Monitoring, Revision and Response Plans

Mistake Proofing and Visual Management

Replication

7 GREEN BELT TEST