

6sigma.us
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Six Sigma Green Belt Training

A Green Belt certification is ideal for those that will be tasked with improving existing processes. These could be processes that are not standardized, don't have established metrics, or those that need a reduction in errors or cycle time. existing processes and reduce errors or cycle time of those processes.



CONTACT US
(877) 497-4462
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What Makes Our Green Belt Program Unique

- No prerequisites for the Green Belt Program
- You have the option to choose different locations and dates for Week 1 and Week 2
- Included up to 2 hours of project support at no additional cost
- 2 + 2 Format allows a Green Belt to complete a Black Belt at a later date
- Courses led by a top-rated, certified Master Black Belt instructor
- Extensive experience in over 25 countries with leading corporations
- Business leaders can attend White Belt at no cost, with the enrollment of two Green Belts
- Outstanding course material integrating current methods with a “Lean Option”
- 6Sigma.us certification process included in course cost

Six Sigma Features

- Generic project examples
- Generic Project Charter examples
- Green Belt Certificate after project acceptance
- Onsite consulting at a discounted rate
- Professionally laser-printed color student notebooks

Don't Have Two Weeks Available?

We also offer a Six Sigma Jumpstart , which is the first week of Green Belt training.

Attend just the first week of the class to learn enough to get started on a project and get some quick benefits. The first day is designed as a One Day Executive Overview of what Six Sigma is about and how

After attending this training, participants will be able to:

- Mobilize a Six Sigma team and organize its work
- Comfortably use statistical tools to analyze processes in Minitab
- Select Six Sigma projects
- Create charts, process maps, prioritization tools and control plans needed to complete Six Sigma projects

6sigma.us is an approved provider for PMI and IACET. Student certificates will include the PDUs and CEUs earned (respectively) after successfully completing one of our approved training courses, plus any required exams.

- 60 PDUs will be awarded for successful completion of the all training, final exam, and live project.
- 6 CEUs will be awarded for successful completion of all training and final exam or live project.

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Our Six Sigma Green Belt Agenda

Week 1

- Six Sigma Program Overview
- Define Phase
- Six Sigma Deployment
- Process Variables Mapping
- Cause and Effects Matrix
- Failure Modes Effects Analysis (FMEA)
- Waste Identification
- Methods to Reduce Waste
- Introduction to Statistics and Graphical Analysis
- Graphical Analysis with Minitab
- Statistical Process Control (SPC)
- MSA
- MSA Exercise
- Capabilities Studies
- Week One Wrap Up

Week 2

- Week 1 Review
- Multi-Vari Studies
- Hypothesis Tests
- T-Test / ANOVA
- Project Presentations
- Correlation and Regression
- Chi-Square
- Multi-Vari Case Study
- Intro to DOE
- Mistake Proofing
- Control Methods
- Documentation
- Wrap-Up

Learning Objectives

Possible variation of what we cover:

- Overview of Lean Six Sigma methods
- LSS deployment roles
- Introduction to variability
- Establishing a Baseline level of performance
- Data collection methods
- Basic methods for graphically analyzing data
- Mapping the process
- Waste identification
- Prioritization techniques
- Risk assessment techniques
- Detailed Process Mapping techniques
- Establishing measurement capability
- Techniques for analysis of the flow of the process
- Determining process capability to meet customer specifications
- Techniques for leading Process Mapping, Prioritization, and Risk Assessment techniques learned in Yellow Belt
- Designing and conducting Multi-Vari Studies (search for dominant process variables)
- Fundamentals of hypothesis tests
- Establishing sampling methods
- Analytical tests for sources of variation (Analysis of Variance (ANOVA), Chi-Square test for independence)
- Graphical analysis methods for identifying sources of variation
- Control methods for maintaining process stability



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