

Six Sigma Black Belt Training from SixSigma.us

Supporting organizations to solve problems with unknown solutions, from course instruction through project success.



This training is geared toward individuals that want an advanced understanding of Six Sigma.

Features that make our Black Belt Program Unique :

- Modular Format allows flexible options for **Green** and **Black Belt** course work
- Previously trained **Green** Belt continues on to a **Black Belt** in two weeks
- Includes up to 6 hours of project support at no additional cost
- Project selection support prior to first day of class
- Courses led by certified Master Black Belt and top rated instructor
- Extensive experience in over 25 countries with leading corporations
- Ability to earn up to 12 hours of college credit
- Outstanding course material integrating new methods with a “Lean Option”
- **SixSigma.us** certification process included in course cost
- Our low overhead allows for exceptional consultants at a reasonable cost

Six Sigma Highlights

- Detailed course notes with screen shots and step by step instructions
- Access to course leader with extensive project experience
- Project consulting support during each week of training
- Included up to two hours of project start up assistance by voice and email prior to first week of training
- Six Sigma Memory Jogger II
- Included up to two hours of project support by voice and email between weeks, with discounted on-site support available
- Certification review of **Black Belt** project
- Training certificate after completion of training
- **Black Belt** certification after acceptance of project

Previously trained as a Green Belt?

We accept registration in our Black Belt class from people who have been trained by other providers in any credible Green Belt program.

An acceptable Green Belt program typically consists of two weeks of classroom training with associated project work, however we will be glad to consider other approaches. Please contact us for details.

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“Instructor has a wide array of knowledge and relates concepts to real world examples”

“Great time spent in overviews and exercises that helped understand the logic of using Six Sigma tools”

“Instructor is able to answer ALL questions”

COMPETITIVE PRICES

Two Week Black Belt (after Green Belt) \$4000

Four Week Black Belt (including 2 weeks of Green Belt) \$6500

First and Second weeks (same as Green Belt) will be held at the same and various locations. You can mix and match dates and locations.

Black Belt Agenda

Week 1 Six Sigma Black Belt (after Green Belt) Agenda

- | | |
|--|---|
| <ul style="list-style-type: none"> • Green Belt Review • Multiple Regression • Advanced Multi-Vari • Attribute Measurements • Attribute Measurement Systems • Sample Size Calculations • Brainstorming Methods • Managing Change | <ul style="list-style-type: none"> • Introduction to DOE • Full Factorial Experiments • Full Factorial Simulations • Fractional Factorial Designs • DOE Sample Size Selection • In-Class DOE Project • Project Planning and Deliverables • Project Review and Support |
|--|---|

Week 2 Six Sigma Black Belt (after Green Belt) Agenda

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|---|---|
| <ul style="list-style-type: none"> • Design of Experiments Review • Blocking in Experiments • General Factorial Experiments • Residual Analysis • Non-Normal Data - Transformations • Non-Normal Data in Experiments • Sequential Experimentation • Response Optimization Designs • Multiple Response Optimization • Transactional Improvements | <ul style="list-style-type: none"> • Simulations for Improvement • Applied Experimentation • Statistical Process Control • Mistake Proofing • Control Methods • Project Closure and Synergy • Class Project • Integration of Lean • Project Reviews • Final Exam available upon request |
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Added Features

- Coffee Service
- Light Lunch served at most public locations
- Professionally Laser printed **Color** student notebooks
- Fun and exciting exercises
- Relaxed learning atmosphere
- Dress is Business Casual
- Generic Project examples
- Generic Project Charter examples
- Certification review of Black Belt project
- Black Belt Certificate after project acceptance
- On-Site Consulting at a discounted rate

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Black Belt Learning Outcomes

After attending this training, participants will be able to:

- Explain Multiple regression
- Perform Factorial Experiments
- Determine size calculations needed for experiments
- Describe the different types of Optimization and how it affects processes

CEU and PDU credits will be provided to students at the completion of the training per the instructors recommendation. Attendees must attend all training and participate in all classroom exercises. If a student misses more than one day of training, make up work must be completed before a training certificate, CEU's or PDU's will be issued. Project should be submitted to Six Sigma.us within 6 months of the last day of training for certification. Projects should illustrate an understanding of the tools and concepts of the appropriate training level (i.e. Black Belt). Individuals interested in receiving PDU's or CEU's only may take a comprehensive online exam in lieu of a submitting a project with the instructor's approval. The instructor will determine, if testing or completion of a project is the appropriate means of assessing the student's understanding of the subject matter. Students wanting to receive Six Sigma certification will be required to complete and submit a project for Master Black Belt review.

- 60 PDU's will be awarded for completion of the two week Black Belt training.
- 6 CEU's will be awarded for completion of the two week Black Belt training.

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