

# Blended Black Belt with Online Green Belt Training

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



*Prerequisites for Blended Green Belt Training include: Ability to use standard Microsoft Office Software.*

[WWW.6SIGMA.US](http://WWW.6SIGMA.US)

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## Why Our Blended Online Green Belt with the Black Belt in Person is Unique :

- Offers both in person and online training to fit busy schedules
- Requires only two weeks of traditional classroom training
- Internationally recognized training program
- Complete the **Green** Belt online continue with our **Black** Belt at any location
- In person courses led by certified Master Black Belt and top rated instructor
- Extensive experience in over 25 countries with leading corporations
- Affordable price of \$4250
- Initial training conducted entirely online in self-paced atmosphere
- Outstanding course material integrating new methods with a “Lean Option”
- **SixSigma.us**' internationally recognized certification available for an additional charge of only \$500

## Six Sigma Features

- Access to course leader with extensive project experience during 3 day training
- Students receive valuable project template pack that can be used for future projects.
- Ability to review online training as many times as wanted during access period.
- Six months of access to online training modules in order to complete **Green** Belt training at your pace. Just complete the Green Belt prior to your Black Belt.
- Training certificate issued upon completion of training.
- Complete two week in person **Black** Belt training at any available location.
- Instruction in the most popular Six Sigma Statistical Software, Minitab 16

**This training is geared toward companies and individuals that want to save money and increase customer satisfaction through process improvements without the need to be away from the office for two weeks.**

## Not Ready For a Black Belt?

We also offer a **Blended Six Sigma Green Belt** options, which require either 4 days or 4 1/2 days of in class training with an additional 4 days of training to complete online. You can always decide to continue your training and finish the Black Belt at a later date.

# Blended Black Belt Agenda

*“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”*

*“Teaches by example”*

*“Instructor knows how to teach adults”*

*“While some instructors are just entertainers, this instructor is a teacher”*

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## Week—1 Six Sigma Blended Black Belt Agenda (Completed Online)

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|---|--|
| <ul style="list-style-type: none"> <li>• Overview of Six Sigma</li> <li>• The Six Sigma Roadmap</li> <li>• How to Define and Scope Projects</li> <li>• Launching and Managing Six Sigma Projects</li> <li>• Organizational Roles and Responsibilities</li> <li>• Process Mapping</li> <li>• Cause and Effects Matrix</li> <li>• Failure Modes Effects Analysis</li> <li>• Introduction to Minitab</li> <li>• Introduction to Lean Fundamentals</li> </ul> | <ul style="list-style-type: none"> <li>• Basic Statistics</li> <li>• Basic Quality Tools</li> <li>• Statistical Process Control</li> <li>• Measurement Systems Analysis</li> <li>• Capability Analysis</li> <li>• Sample Size Selection</li> <li>• Process Control Plan</li> <li>• Project Plan and Deliverables</li> <li>• Final Exam Module</li> </ul> |
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## Week—2 Six Sigma Blended Black Belt Agenda (Completed Online)

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| <ul style="list-style-type: none"> <li>• Advanced Graphical Data Analysis</li> <li>• Multi-Vari Planning</li> <li>• Variation Trees and Funneling</li> <li>• Hypothesis Testing</li> <li>• Statistical Analysis Roadmap</li> <li>• Test for Mean with T-Test</li> <li>• One-way ANOVA</li> </ul> | <ul style="list-style-type: none"> <li>• Non-manufacturing Applications</li> <li>• Correlation and Regression</li> <li>• Multi-Vari Analysis</li> <li>• Process Control Plan</li> <li>• Project Plan and Deliverables</li> <li>• Final Exam</li> <li>• Comprehensive Green Belt Exam</li> </ul> |
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## Week—3 Six Sigma Blended Black Belt Agenda (Completed in Person)

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|--|---|
| <ul style="list-style-type: none"> <li>• <i>Green Belt Review and Exercises</i></li> <li>• <i>Central Limit Theory</i></li> <li>• <i>Project Presentations</i></li> <li>• <i>Advanced MSA</i></li> <li>• <i>Advanced Capability</i></li> <li>• <i>Project Presentations</i></li> <li>• <i>Multiple Regression</i></li> </ul> | <ul style="list-style-type: none"> <li>• <i>Nested ANOVA</i></li> <li>• <i>DOE Planning</i></li> <li>• <i>Project Presentations</i></li> <li>• <i>Randomized Block Design</i></li> <li>• <i>Full Factorials</i></li> <li>• <i>Project Planning and Deliverables</i></li> <li>• <i>Project Review and Support</i></li> </ul> |
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## Week—4 Six Sigma Blended Black Belt Agenda (Completed in Person)

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| <ul style="list-style-type: none"> <li>• <i>Week 1 Review</i></li> <li>• <i>Factorial Designs</i></li> <li>• <i>Fractional Factorial Designs</i></li> <li>• <i>General Factorial Designs</i></li> <li>• <i>Sample Size</i></li> <li>• <i>Project Reviews</i></li> <li>• <i>Optimization Designs</i></li> </ul> | <ul style="list-style-type: none"> <li>• <i>Multiple Responses</i></li> <li>• <i>EVOP</i></li> <li>• <i>Competition</i></li> <li>• <i>Change Management</i></li> <li>• <i>Control Methods</i></li> <li>• <i>Final Reviews</i></li> <li>• <i>Final Exam required for CEUs &amp; PDUs</i></li> </ul> |
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# Blended Black Belt Learning Outcomes

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

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## Added Features

- Professionally printed **Color** Laser student notebooks
- Fun and exciting exercises
- Relaxed learning atmosphere
- Generic Project examples
- Generic Project Charter examples

## After attending this training, participants will be able to:

- Describe Six Sigma roles within an organization
- Use statistical tests to improve processes
- Use Minitab to run statistical tests
- Define a Six Sigma project
- Create charts, process maps, and control plans needed to complete a Six Sigma project

CEU and PDU credits will be provided to students after successfully completing the training and required exam or a live project for certification. In addition, 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 the final exam may be taken and a training certificate, CEU's or PDU's will be issued at this time or after the successful completion of all the training and a live project. A live project is required for certification. 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 successful completion of the two week Green Belt training and final exam or live project.
- 6.8 CEU's will be awarded for successful completion of the two week Green Belt training and final exam or live project.