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Six Sigma Black Belt Minitab Online Training

This Minitab-based Black Belt training is perfect for those who want to master Six Sigma techniques and strategies, lead top-quality projects, and mentor Green Belts.



CONTACT US
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Our Six Sigma Online Black Belt training and certification program uses Minitab software examples. You will receive your Six Sigma Black Belt training certificate upon completion with the ability to be certified for an additional charge of \$500, which requires the completion of a live project. Once you are certified, you will be able to join successful project managers who are saving billions by improving productivity, reducing waste, variation and defects. Since this program includes the full Green Belt curriculum, professionals with little or no prior experience with Six Sigma methodologies can enroll and work towards one of the most sought-after credentials in business today, the Six Sigma Black Belt certificate. As a Six Sigma Black Belt, your mastery of Six Sigma techniques and strategies will help you lead top-quality projects and mentor Green Belts in your organization, where together you will identify and implement breakthrough improvements for enhanced bottom-line results.

What You'll Get

- Digital version of the same, complete Black Belt (includes Green Belt) program delivered to our live classroom attendees
- On demand, 24/7 access for ONE year of access to professionally narrated online 6Sigma.us training courses
- ONE year of access to the training manual in electronic format with the ability to print a copy for your own use
- Numerous Project Templates and Job Aids for Six Sigma Projects
- Online Exams and Quizzes, including a 4 session-end comprehensive examinations
- Upon completion of the training and passing the 2nd comprehensive examination, you will receive access to:
 - Certificate of Six Sigma Green Belt Training Completion
 - 4 CEUs from IACET and 40 PDUs from PMI
- Upon completion of the training and passing the 4th comprehensive examination, you will receive access to:
 - Certificate of Six Sigma Black Belt Training Completion
 - 4 CEUs from IACET and 40 PDUs from PMI
- In total our Black Belt Online Self-Paced Program will provide you with:
 - 8 CEUs from IACET and 80 PDUs from PMI

Optional Elements

- A printed copy of the slides used during the presentation can be purchased and shipped anywhere in the US
- We teach you how to use Minitab software while completing this training course. If you don't have Minitab, you can purchase a deeply discounted version of Minitab with this training program. When you bundle the purchase with one of our Green Belt or Black Belt training programs, you will receive substantial savings.
- Available in English and soon Spanish
- Project certification, a requirement to be a certified Six Sigma Black Belt, can be obtained for an additional charge of \$500. This includes up to four hours of Master Black Belt remote support and project review time.

Online Program Requirements

- A computer with ability to stream online content
- Web browser: Internet Explorer 8, Firefox 2, Safari on Mac 1.2, or Google Chrome
- JavaScript and cookies enabled
- Mobile devices: Apple devices using Safari or Android devices using Google Chrome
- Online account is unique to each user for the purpose of providing continuing educational credits

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Online Course Syllabus

Session 1

- Lean Six Sigma Overview
- Define Phase
- Six Sigma Project Deployment
- Process Mapping
- Cause & Effect Matrix
- Failure Mode Effect Analysis (FMEA)
- Basic Statistics
- Introduction to Minitab
- Basic Quality Tools
- Introduction to Statistical Process Control
- Measurement Systems Analysis
- Capability
- MultiVari Planning
- Lean Tools
- Green Belt Wrap Up and Action Planning
- Session 1 Comprehensive

Session 2

- Hypothesis Testing
- Correlation and Regression
- t-Test
- ANOVA
- Chi Square Test
- DOE
- Mistake Proofing
- Control Plan
- Documentation
- Green Belt Wrap Up
- Session 2 Comprehensive

Session 3

- Green Belt Review
- Central Limit Theorem
- Advanced MSA
- Advanced Capability
- Multiple Regression
- DOE PLanning
- Full Factorials
- Black Belt Wrap up
- Session 3 Comprehensive

Session 4

- Fractional Factorials Designs
- General Factorial Designs
- Sample Size Calculations
- Optimization Designs
- Multiple Response Optimization
- EVOP
- SPC
- Control Plan
- Change Management
- Black Belt Wrap Up
- Session 4 Comprehensive



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