



## ► Master Black Belt Development Program

Take your career to the next level with Master-level Six Sigma education.



Master Black Belts drive the evolution of a company's Six Sigma deployment. They are teachers, mentors, project leaders and implementation guides who oversee activities that help companies become self-sufficient in the planning and execution of a Six Sigma management system.

Being a capable Master Black Belt requires much more than teaching advanced statistical techniques. You also need to learn how to become a dynamic leader and change agent. The **Master**

**Black Belt** program from BMG University is designed to help you transition into your new MBB role. As one of the most challenging and rewarding certification programs in the industry, the program transforms graduates into professionals with the skills to perform each of the primary MBB roles: teacher, coach, project leader and champion.

### Program Description

The road to Master Black Belt certification includes nine requirements, four of which are one-week class electives you can choose from a group of ten available courses. The courses are designed to build a mix of both hard and soft skills, and are offered multiple times throughout the year.

Additional certification requirements include completion of three projects, scores of 90 percent or higher on each of four Black Belt exams, co-teaching, paper submission and nomination. Only when all the requirements are met are you eligible for certification.

Most students begin their journey toward Master Black Belt by selecting four class electives and scheduling course dates for the year. Once enrolled in the system, we provide you with one of our experienced instructors to coach you through the certification process. You are also given immediate access to BMG University's 24-hour online support portal where you can download project templates and tools, view interactive lectures and take quizzes to test your knowledge at any time.

With guidance from your instructor, you have the freedom to chart your own path through the certification process, setting timelines and deadlines that work for you. At any time during the program, you may submit Six Sigma projects for review, and begin completion of the other certification requirements.

Please note that before starting the MBB program, you must complete Black Belt certification.



### Ensure MBB Program Success with the Wizard™

The Wizard is an online support portal featuring 24-hour access to templates, tools, project guidance and training materials. The Wizard is a complete online reference guide that includes:

- ❑ Lectures on any topic.
- ❑ Sample exercises and quizzes.
- ❑ Case study materials and best practice information.
- ❑ Training manuals and FAQs.
- ❑ A chat room staffed by MBBs for project and training questions.

**“BMGI’s Master Black Belt training courses really challenged me, both personally and professionally. I learned a great deal, not only about the Six Sigma methodology, but also about becoming a leader within my organization.”**

— Jeff Bowers  
Master Black Belt  
Sunsweet Growers

### ROLES OF THE MASTER BLACK BELT

- ❑ **TEACHER:** Classroom trainers that help others become Champions, Green Belts, Black Belts and even Master Black Belts. They also educate all levels of the organization in the language, tools and methods of Six Sigma.
- ❑ **COACH:** Mentor to aspiring Black Belts, Green Belts and other employees in the use of the Six Sigma methodology.
- ❑ **PROJECT LEADER:** Improvement project specialists for large or complex projects.
- ❑ **CHAMPION:** Assistants and leaders in deployment activities such as project selection and Black Belt management.

## ► Master Black Belt Development Certification Requirements

### Classroom Training

You must successfully complete four of the MBB development classes below. We recommend you take a mixture of hard and soft skills courses to ensure you become a well-rounded leader.

- ▶ **ToolMaster Workshop**  
A five-day program that provides students with a mastery level of advanced D-M-A-I-C tools, and focuses on how to apply Six Sigma in unique situations. Choose standard or Transactional based program.
- ▶ **Basic Lean**  
A four-day program designed to show participants how to integrate Lean with Six Sigma and how to maximize the benefits from both methodologies. Choose from Manufacturing or Transactional course.
- ▶ **Advanced Lean**  
A five-day course for candidates with previous Lean experience (from any industry). Students learn how to apply Lean tools to specific situations in the context a Lean Kaizen event.
- ▶ **Design for Six Sigma**  
A five-day program that focuses on the DMADV (Define-Measure-Analyze-Design-Verify) methodology. Much attention is given to techniques for improving the design of operational products or processes. Choose from Transactional or Product Design course.
- ▶ **Train the Trainer Workshop**  
A truly invaluable five-day experience for anyone who coaches or instructs Six Sigma professionals. It provides critical skills for the "how to's" of inspiring learners.
- ▶ **Change Leadership Workshop**  
A five-day program built for individuals that will be supporting and driving change initiatives. It teaches a three-step change management process, team tools and other skills necessary to enable participants to quickly integrate change into a culture.
- ▶ **TRIZ**  
A four-day program that covers the three basic tenets upon which TRIZ was built, then teaches how to use TRIZ to solve problems quickly and innovatively. Significant class time is devoted to interactive problem solving using real problems.
- ▶ **Innovation Tools**  
A five-day program specifically designed for Six Sigma and Lean practitioners, this class teaches powerful Innovation tools in the context of the structured Innovation methodology, D4 (Define, Discover, Develop and Demonstrate).

### Examinations

You must pass each of four standard Black Belt exams with a 90 percent score or higher.

### Co-Teaching

Co-teaching from 4-20 hours is required, or demonstrated proof of recent instructional experience.

### Project Work

A minimum of three projects must be submitted and approved. Commonly, two Black Belt projects are used, and one larger scope Master Black Belt project.

### Paper Submission

Submission of a Six Sigma case study to a conference or trade publication is required.

### Nomination

You must submit three letters of nomination: one from a supervisor, one from a peer and one from an individual you have mentored in Six Sigma.

BMGI holds MBB classes regularly in cities around the world.

Classes can also be scheduled onsite for groups of six or more.

Curriculum is available for licensing.



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