

## ▶ Master Black Belt Development

A comprehensive education for well-rounded master practitioners.

**M**aster 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.

Developing dynamic and capable Master Black Belts involves much more than teaching advanced statistical techniques. Master Black Belts also need to learn how to become powerful leaders and change agents.

BMGI's Master Black Belt program is designed to help practitioners transition into the Master Black Belt role with ease by providing them the tools they need to succeed. It is for this reason that BMGI's Master Black Development program is known as one of the most challenging and rewarding certification programs in the industry.



"For the past several years, BMGI has been our Six Sigma deployment partner, providing training and leadership-our results have been outstanding. BMGI's training and materials are the best we have found."

- Joe Gliksman  
Master Black Belt  
IMC Global

### Course Description

BMGI's program builds Master Black Belts that have the skills they need to perform each of the four primary roles – the Teacher, the Coach, the Project Leader and the Champion. The road to BMGI MBB certification has nine requirements. Four of the nine requirements are one-week class electives, chosen from a group of ten available classes. These courses are designed to build a mix of both hard and soft skills. Additional requirements for certification include completion of three projects, high scores on exams, co-teaching, paper submission and nomination. Candidates become certified when all of the requirements are met. (Participants should note that before starting BMGI's Master Black Belt Program all candidates must complete Black Belt Certification.)

#### CERTIFICATION

##### Requirements include:

##### Classroom Training

Completion of four electives.

##### Examinations

90 percent or higher on all Black Belt exams.

##### Co-Teaching

Classroom hours.

##### Project Work

A minimum of three projects.

##### Paper Submission

Case study paper to publication.

##### Nomination

Using BMGI's standards.

### Certification Requirements

In addition to participating in training classes, candidates are required to undergo evaluation on a number of levels designed to improve leadership skills, technical skills and teaching capabilities.

#### Elective Course Options

- Toolmaster Workshop
- Transactional ToolMaster Workshop
- Lean for Manufacturing
- Transactional Lean
- Advanced Lean
- Product Design for Six Sigma (DFSS)
- Transactional Design for Six Sigma (DFSS)
- Train The Trainer Workshop
- Change Leadership
- TRIZ
- Innovation Tools for Black Belts

### 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

### Details on Development Course Options

#### Classroom Training

Students must successfully complete four MBB development classes. BMG recommends students take a mixture of hard and soft skills courses to ensure they become well-rounded leaders.

#### ▶ 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.

#### ▶ Transactional ToolMaster Workshop

Five days of study in tools that are relevant for service-oriented projects.

#### ▶ Lean for Manufacturing

A four-day program designed to show participants how to integrate Lean with Six Sigma and how to maximize the benefits from both methodologies.

#### ▶ Transactional Lean

Four days dedicated to learning Lean principles outside of the traditional manufacturing environment. Students learn the skills to effectively reduce cycle times and waste in a service environment.

#### ▶ 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.

#### ▶ Product 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.

#### ▶ Transactional Design for Six Sigma

Five day program tailored to students working in service industries. The class incorporates process modeling and simulation, queuing analysis and demand forecasting, followed by pilot studies.

#### ▶ 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

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 for Black Belts

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

Participants in the program must pass each of four standard Black Belt exams with a 90 percent score or higher.

#### Co-Teaching

Students must co-teach from 4-20 hours, or demonstrate proof of recent instructional experience.

#### Project Work

Students must submit a minimum of three projects. Commonly, two Black Belt projects are used, and one larger scope Master Black Belt project.

#### Paper Submission

Candidates must submit a Six Sigma case study to a conference or trade publication.

#### Nomination

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

BMGI holds elective 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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## About BMGI?

Breakthrough Management Group International (BMGI), a global consulting firm, partners organizations to transform their business performance with a strong focus on delivering results. Today, BMGI is recognized as the world leader in harnessing the power of cutting edge techniques in the area of **Innovation, Strategy, Problem Solving and Business Transformation** for achieving tangible business results.

Headquartered in the US, BMGI has developed a loyal clientele across the globe. BMGI has partnered with organizations in various stages of their business life cycles and has delivered cumulative benefits of several billion dollars to its clients with an ROI of 5:1 to 20:1. In India, BMGI is located in Mumbai.

## Why BMGI?

BMGI has provided training to thousands of professionals across diverse sectors, empowering esteemed corporations in India and around the globe. BMGI's Green Belt certification sets the standard for excellence in professional development, trusted by top-tier companies worldwide to drive innovation and operational success.



**Solve Problems**

**Deliver Results**

**Be a Leader**

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