

Motorola Six Sigma® Green Belt Program

— for Developing Six Sigma Practitioners
in Your Organization



Program Candidates

Green Belts who are groomed in the Six Sigma methodology help cascade Six Sigma approaches and techniques throughout your organization. They are employees at all levels who serve as high-performing team members on Black Belt project teams — or as leaders on projects that do not require the Black Belt level of analytical rigor.

Program Overview

The Green Belt Program provides participants with an overview of Six Sigma as well as key concepts associated with effective project teams. Green Belts receive a subset of the more comprehensive Black Belt curriculum.

Green Belts learn:

- a structured problem-solving methodology for addressing business improvement projects,
- intermediate-level quality tools within that methodology, and
- how to generate bottom-line financial results.

The program focuses on the DMAIC model* for process improvement and the relevant intermediate-level statistical and graphical tools within that model.

Program Length

Five days

Green Belt Certification

We offer the option of formal Green Belt certification. It requires that your Green Belt candidates complete training, pass a test, and demonstrate results on one improvement project.

Software

Participants need to bring a laptop computer preloaded with Microsoft Excel (Windows 97 or higher). They will receive Excel add-ins for additional statistical functionality. (*Note that a MINITAB® version of this program is available for onsite delivery.*)

Location

This program is available either as open enrollment training at a Motorola site or as onsite training at a location of your choice.

*The DMAIC model is a systematic method for analyzing and improving business processes.

It consists of five phases:

- Define Opportunity
- Measure Performance
- Analyze Opportunity
- Improve Performance
- Control Performance

Green Belt Tool Kit

More than 20 years of experience in developing Green Belts enables us to identify the most critical tools for a Green Belt to have in their tool kit. Our program focuses on the tools most commonly needed and used by these Six Sigma practitioners.

Green Belt Program Content



SCHEDULE/PHASE

TOPIC

Day 1

Define Phase

Six Sigma Overview

Define Opportunity – What is important?

- Identify, prioritize, and select the improvement opportunity
- Develop project team charters
- Build an effective team
- Identify customers and customer requirements
- Define and map process to be improved

Days 2&3

Measure Performance

Measure Performance – How are we doing?

- Determine what to measure
- Manage measurement
- Understand variation
- Evaluate the measurement system
- Determine process performance

Days 3&4

Analyze Opportunity

Analyze Opportunity – What is wrong?

- Identify potential root causes
- Implement comparative methods
- Conduct sources of variation studies
- Conduct correlation analysis

Day 5

Improve Performance

Introduce the Improve Phase – What needs to be done?

- Generate solutions
- Rank and select best solution
- Communicate solution
- Implement the final solution

Control Performance

Introduce the Control Phase – How do we guarantee performance?

- Develop a control plan
- Implement monitoring system
- Review and evaluate the results of changes
- Document process changes
- Close the project

**Taking the
Next Step**

Please contact us for more information by visiting www.motorola.com/mu or by calling **1-800-446-6744** (toll-free within the U.S.) or **1-847-576-1310** (from outside the U.S.).