



Six Sigma Black Belt Programme

Black Belts are experts developed in the Six Sigma methodology and advanced statistical tools. They can come from various functions of the organisation. Although candidates do not need to be statisticians, they need to be willing to use statistical tools to apply Six Sigma.

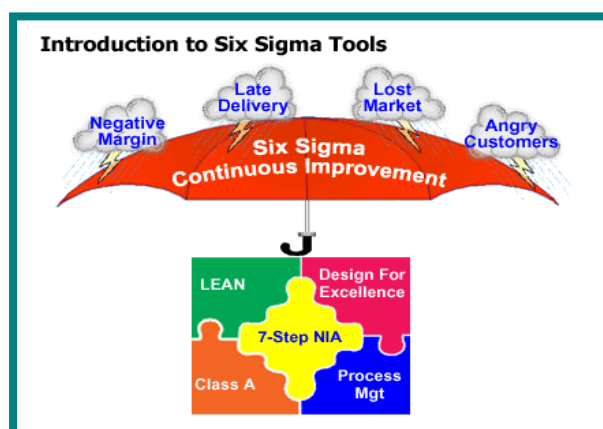
Program Overview (duration - Four weeks delivered over a four-month time frame)

A key role of Black Belts is to effectively lead project teams, the program prepares the candidates to do just that. The Black Belt Program gives the candidates the skills and knowledge they need for the exceptional leadership of business improvement projects. Upon completing each segment of training, participants immediately apply concepts and tools taught in training to their real-time improvement projects.

Tools and Techniques:

1. A structured problem-solving methodology for addressing business improvement projects, the DMAIC model*, Class A and Lean processes for improvement
2. Statistical tools and techniques for fact-based decisions.
3. How to generate bottom-line financial and operational results.

The program focuses on a range of tools including the DMAIC model for process improvement and advanced statistical and graphical tools within that model.



The DMAIC model is a Systematic method for analysing and improving business processes.

- It consists of five phases:**
- Define Opportunity
 - Measure Performance
 - Analyse Opportunity
 - Improve Performance
 - Control Performance

Participants need to bring a laptop computer preloaded with MINITAB® software.

Certification as a Black Belt is optional, it requires the Black Belt candidates to complete their training process, pass a written test, and demonstrate results on one improvement project.

