

AGENDA FOR CONVERSION MODULE 1

Day 1	Day 2	Day 3
Introduction	Combining Distributions	Hypothesis Testing Applications & Case Studies
GR&R for Discrete Data	Hypothesis Testing	Regression - SLR
Lunch	Lunch	Lunch
Process Capability for Discrete and Continuous Data	Hypothesis Testing Applications & Case Studies	Regression - MLR - Logistic
Sampling Theory		
Review of day 1	Review of day 2	Review of day 3

AGENDA FOR CONVERSION MODULE 2

Day 1	Day 2	Day 3
Introduction	Introduction to DoE	Response Surface Methods
Managing Black Belt Projects	Full Factorial DoE	DoE Summary
Lunch	Lunch	Lunch
Managing Black Belt Projects	Fractional Factorial DoE & Screening Designs	DoE Consolidation Exercise
Review of day 1	Noise in DoE	DoE Consolidation Exercise
	Review of day 2	Wrap Up & Close

OBJECTIVES FOR BLACK BELT CONVERSION

The objective of this programme is to bring the skill level of Green Belts up to that of a Black Belt.

At the end of this programme, delegates will:

- have received additional training to bridge the gaps between Green Belt and Black Belt technical competency
- be able to provide mentorship to Green Belts managing Green Belt level projects
- be able to manage and execute a Black Belt level project

THE DEVELOPMENT PHASES

PHASE 1: Green Belt Material Review

Before Module 1, participants are required to complete a Green Belt Review Paper for submission. Prior review of this material is essential to allow us to make the most of our 6-day conversion course. Completion of this paper is a prerequisite for attendance of the training.

PHASE 2: Black Belt Conversion Training

The 6-day course will focus on those technical aspects not normally covered in Green Belt training but form part of the required Black Belt body of knowledge. This course will cover a range of data analysis, process analysis and project management techniques.

PHASE 3: Black Belt Project

Following the Black Belt Conversion training, the candidate is expected to conduct a Six Sigma improvement project. Successful completion of this project is a pre-requisite for Certification of Competence.

PHASE 4 (optional addition^{*}): Black Belt Coaching Skills**

This event is designed to provide the Black Belts with practical soft skills to enable them to supervise Green Belts and raise the profile of Six Sigma throughout the organisation, through effective people management, coaching and feedback. Phase 4 will be a 2-day workshop and will be scheduled following Phase 2 in response to the candidate's personal development needs.

**** will run subject to demand (minimum 6 persons), with additional fee of £810/person*

PROJECT WORK

Participants will be expected to conduct a second Six Sigma improvement project as part of their development. The project should recoup the training investment – and more!

Project selection can be discussed with your Champions before the programme commences.

CERTIFICATION

A Black Belt certificate will be awarded provided that the delegate has:

- attended the Green Belt 10-day programme
- completed a Green Belt project report for assessment by a Six Sigma Group Master Black Belt and which demonstrates adequate understanding and application of Six Sigma tools
- attended the Black Belt Conversion 6-day programme
- completed a Black Belt project report for assessment by a Six Sigma Group Master Black Belt and which demonstrates adequate understanding and application of Six Sigma tools