Contents Green Belt Training

Kick-off	The vision of Six Sigma Processes and Variation, Quincunx exercise
DEFINE	Project charter, Project management SIPOC (Supplier, Inputs, Process, Output, Customer) VOC (Voice of the Customer)
MEASURE	Process mapping C & E-Matrix (Cause and Effect Matrix) Failure modes and effect analysis (FMEA) Graphical methods Basics of statistics for process improvement Measurement System Analysis (GR & R) The standard transformation and process capability
ANALYZE	Correlation analysis Multi-variable study (data collection and data analysis) Central limit theorem Hypothesis Testing Confidence intervals T-tests, tests for equal variances Simple analysis of variance, simple regression Tests for attributive data Calculation of the sample size Overview: Design of Experiments (DOE)
IMPROVE	Brainstorming Solution selection matrix Risk assessment Action plan for solution implementation Proof of improvement
CONTROL	Statistical process control (SPC, control charts, control plan) Final project report

Cross-phase topics

DMAIC - The common thread for process improvement
Introduction to MINITAB® (current version)
Tables