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## Contents of the Six Sigma Green Belt training for Project leaders

<b><i>Kick-off</i></b>	The vision of Six Sigma Processes and Variation, Quincunx exercise
<b><i>DEFINE</i></b>	Project charter, Project management SIPOC (Supplier, Inputs, Process, Output, Customer) VOC (Voice of the Customer)
<b><i>MEASURE</i></b>	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
<b><i>ANALYZE</i></b>	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)
<b><i>IMPROVE</i></b>	Brainstorming Solution selection matrix Risk assessment Action plan for solution implementation Proof of improvement
<b><i>CONTROL</i></b>	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