

Time table for 4 days Black Belt Boot Camp

Day 1	Day 2	Day 3	Day 4
<p>Introduction and expectations of participants Introduction into basic Six Sigma concept (organization & roles)</p> <hr/> <p>Overview D-M-A-I-C: approach & tools Project Charter, SIPOC, VOC, Project Management, Value Stream Mapping, Makigami, Ishikawa, Brainstorming, FMEA, Closure report Interaction: SIPOC</p> <p><i>Feedback session</i></p>	<p>Correlation & Regression Correlation analysis, linear regression, logistic regression</p> <hr/> <p>Statistical Tests I Basics, Parameter testing, Goodness of fit testing, Tests for normally distributed measures Interaction: Tests for normally distributed characteristics</p> <p><i>Feedback session</i></p>	<p>Recap of basic statistical terms and measures of distributions</p> <hr/> <p>Process capability analysis Normally-distributed, non-normally and discrete distributed measures Interaction: Application of statistical analyses</p> <p><i>Feedback session</i></p>	<p>Recap of content and individual focus areas</p> <hr/> <p>Design of Experiments Practical examples and exercises Interaction: Catapult</p> <p><i>Feedback session</i></p>
Pause			
<p>Management & Organisation I Understanding of project management, dimensions of Six Sigma, relation of Business- and Operational Excellence function</p> <hr/> <p>Management & Organisation II Deployment of Six Sigma, Change-Management, Six Sigma Board, Feedback</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>Fundamentals of Statistics 1 Introduction to basic terminology, scale levels, probability, distribution models, calculation of Sigma level</p> <hr/> <p>Fundamentals Statistics & Probabilities Interaction: Application of probability distributions (e.g. binomial) and introduction in Minitab and Excel</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>Fundamentals of Statistics 2 Basics, Parameter testing, Goodness of fit testing, Tests for non-normally distributed measures Interaction: Tests for non-normally distributed characteristics</p> <hr/> <p>Fundamentals of Statistics 3 Tests for discrete characteristics Interaction: Tests for discrete characteristics</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>Examination Duration of examination 2 hours 20 questions</p> <hr/> <p>Training closure und discussion on questions for further application of learning content</p> <hr/> <p>Q&A Session – Summary and discussion on open questions, Hand out of certificates</p> <p><i>Feedback session</i></p>