

Time table for 6 days Green Belt Standard

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>Fundamental terms in the Six Sigma context</p> <p>Discussion of Six Sigma levels: Leadership, Project Management, Toolbox, Statistics</p> <p>Interaction: Lean-Game „Paper Aircraft Manufacturing“</p> <p><i>Feedback session</i></p>	<p>Recap of the first training day and discussion on fundamentals as well as basic terms</p> <hr/> <p>D-M-A-I-C 2 Measure-Phase with approach and tools in detail SIPOC, Swim-Lane, Value Stream Mapping, Makigami What is process management in enterprises? How is it structured?</p> <p><i>Feedback session</i></p>	<p>Recap of the Define- and Measure Phase and discussion on fundamentals as well as basic terms</p> <hr/> <p>D-M-A-I-C 4 Improve-Phase with approach and tools in detail Implementation- and training plan, conduct 5S events in companies and monitor those</p> <p>Interaction: 5S Game</p> <p><i>Feedback session</i></p>	<p>Recap of the DMAIC cycle</p> <hr/> <p>SSCD: ProcessSIM® Part 1 Business game as project substitute.</p> <p>Real Business Case. 1 month is simulated on on hour of real time.</p> <p><i>Feedback session</i></p>
Break			
<p>Approach D-M-A-I-C</p> <p>Understanding of project management, dimensions of Six Sigma, relation of Business- and Operational Excellence function</p> <hr/> <p>D-M-A-I-C 1 Define-Phase with approach and tools in detail Project Charter, VOC, Problem-& Target statement, Project Management, Cost-benefit analysis</p> <p>Interaction: SIPOC</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>D-M-A-I-C 3 Analyze-Phase with approach and tools in detail Analyze cause-and-effect correlations, statistical analysis tools in Excel I (ANOVA, hypotheses tests)</p> <p>Interaction: IS-data analysis (XLS)</p> <hr/> <p>Analyze-Phase with approach and tools in detail Risk Analysis FMEA, Ishikawa, 5x Why and the FMEA as Risk Analysis Tool, SWOT, Statistical Analysis Tools in Excel II (ANOVA, Hypotheses Tests)</p> <p>Interaction: Ishikawa, 5x Why</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>D-M-A-I-C 5 Control-Phase with approach and tools in detail Overview, process control chart and standard procedures, Go-Live Support</p> <p>Interaction: SHOULD-data analysis (XLS)</p> <hr/> <p>D-M-A-I-C 5 Control-Phase with approach and tools in detail Graphical data analysis (time series diagram, Pareto, histogram, scatter plot, spaghetti-diagram, other visual methods)</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>Interaction: SSCD: ProcessSIM® Part 2 Business game as project substitute.</p> <p>Real Business Case. 1 month is simulated on on hour of real time.</p> <hr/> <p>Interaction: SSCD: ProcessSIM® Part 3 Presentation of summarized results and discussion on consulting solution for business game.</p> <hr/> <p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>

Time table for 6 days Green Belt Standard

Day 5	Day 6
<p>Recap DMAIC with its approach and tools and the Planning game ProcessSIM®</p>	<p>Recap of the Fundamentals of Statistics</p>
<p>Fundamentals of Statistics</p> <p>Introduction to general statistical terms, scale levels, probability distributions, addition- and multiplication theorem</p> <p>Interaction: Application in XLS</p>	<p>Fundamentals of Statistics</p> <p>Basics and models of statistical capability Interpretation of capability indices</p> <p>Interaction: Capability</p> <p><i>Feedback session</i></p>
Break	
<p>Fundamentals of Statistics</p> <p>Discrete and continuous distribution (POI, HYP, NORM, etc.)</p> <p>Interaction: Application of statistical distributions</p>	<p>Fundamentals of Statistics</p> <p>Interaction: Exercises in Excel to determine capability indices. Q&A Session - Summary and clarification of open questions about the entire course</p>
<p>Fundamentals of Statistics</p> <p>Summary of statistical tests and general terms for further analyses (e.g. confidence interval, hypotheses and significance level)</p> <p>Interaction: Application of statistical distributions</p>	<p>Examination</p> <p>Duration of examination 2 hours 20 questions</p>
<p>Q&A Session – Summary and discussion on open questions</p> <p><i>Feedback session</i></p>	<p>Q&A Session – Hand out of certificates</p> <p><i>Feedback session</i></p>