Six Sigma Black Belt Certification Guide

Visit our website to see the other topics of the Body of Knowledge that are required for the certification exam (SSBB)

			Knowledge that are required	or the certification exam (SSBB)
Managing	Selecting & D	ecision Making	Planning & Pro	ject Management*
Risk PDPC			Minutes	PERT/CPM
Custon	y Function Deployment	Cost Benefit Analysis		trix Activity Networks
Risk Analysis* Auditing			SWOT Feasibility studies	Stakeholder Analysis
Fault Tree Analysis			Tollgate reviews Closure Storyboa Project Charter _{Baseline}	rd
Critical			Scope SMART F PDCA Policy De	eployment Gantt Charts
Cycle time Lean Measures OEE Kano			FX X-matrix MAIC Kaizen Events	Auditing Control Planning
wip/wig Touch Time Cost of Qua Process Yield	lity* Pri	oritization Matrix	Perfect Standard W	/ork Document control
Throughput yield Project KPIs K	Pareto Analysis Contingency table	Matrix Diagram	Best Pract	ices Implementing
PPM/DPMO/DPU Sigma level Descriptive Sta	itistics Chi-Square No	onparametric	standing Lessons learner	Solutions***
Gap Analysis* Probability	Distributions Cis Hypotl	hesis ANOVA OFA	Taguchi – Preventive T DOE RSM Mistake Pro	
тос Histograms	Normal Distribution	Multivariate Multi-var	Factorial Pilot i Studies Simulation	Shop-floor Audits Just in Time 5S
Metrology GR&R		Correlation Regres	/Multiple	Visual Management
Understanding Performance** Trend charts		Cause Analysis	solori sMED Load leveling	Flow Pull
Performance Trend charts Pre-construction Benchmarking*** SPC Control Char SPC Control Char	ts Fishbone Diagrams	Relationship digraph	SIPOC* Spaghetti*	D-optimalRobustToberancing
Data collection planner* Samplin		Tree Diagram*	Waste Analysis**	/alue Stream Mapping**
Check Sheets** Interviews	Brainstorming	(Value Analysis**	Process Mapping
Questionnaires Focus Groups	Affinity Diagrams			
Data Observations		Flo	owcharting	
Collection		Group Creativity	Designing & An	alyzing Processes
Understand Apply Continuous Improvement Toolkit . <u>www.citoolkit.com</u> Analyze				