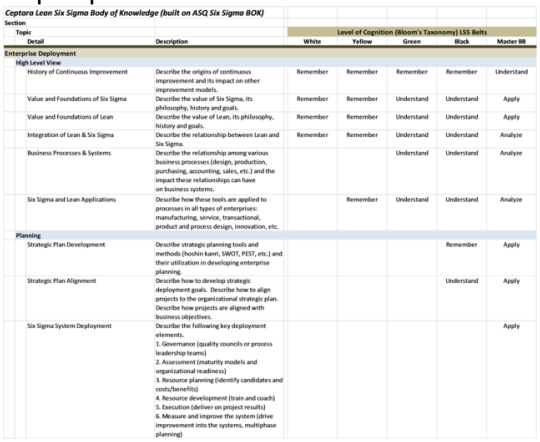
Lean Six Sigma Belt Comparison Analysis

Fri, 11/01/2013 - 12:17 — Chris

This paper delivers an analysis that compares the level of competency required at each Lean Six Sigma belt level. It describes over 150 competencies and the level of cognition expected for each Lean Six Sigma Belt. Competency areas include enterprise deployment, organizational training, team management, design for Six Sigma, and the necessary skills to exercise the Lean and Six Sigma Improvement methodologies.

Paper preview:



Ceptara Lean Six Sigma Body of Knowledge (built on ASQ Six Sigma BOK)

Section	Topic	Detail	Description	Level of Cognition (Bloom's Taxonomy) LSS Belts				
				White	Yellow	Green	Black	Master BB
Enterprise Deployment								
	High Level View							
		History of Continuous Improvement	Describe the origins of continuous improvement and its impact on other improvement models.	Remember	Remember	Remember	Remember	Understand
		Value and Foundations of Six Sigma	Describe the value of Six Sigma, its philosophy, history and goals.	Remember	Remember	Understand	Understand	Apply
		Value and Foundations of Lean	Describe the value of Lean, its philosophy, history and goals.	Remember	Remember	Understand	Understand	Apply
		Integration of Lean & Six Sigma	Describe the relationship between Lean and Six Sigma.	Remember	Remember	Understand	Understand	Analyze
		Business Processes & Systems	Describe the relationship among various business processes (design, production, purchasing, accounting, sales, etc.) and the impact these relationships can have on business systems.			Understand	Understand	Analyze
		Six Sigma and Lean Applications	Describe how these tools are applied to processes in all types of enterprises: manufacturing, service, transactional, product and process design, innovation, etc.		Remember	Understand	Understand	Analyze
	Planning							
		Strategic Plan Development	Describe strategic planning tools and methods (hoshin kanri, SWOT, PEST, etc.) and their utilization in developing enterprise planning.				Remember	Apply
		Strategic Plan Alignment	Describe how to develop strategic deployment goals. Describe how to align projects to the organizational strategic plan. Describe how projects are aligned with business objectives.				Understand	Apply
		Six Sigma System Deployment	Describe the following key deployment elements. 1. Governance (quality councils or process leadership teams) 2. Assessment (maturity models and organizational readiness) 3. Resource planning (identify candidates and costs/benefits) 4. Resource development (train and coach) 5. Execution (deliver on project results) 6. Measure and improve the system (drive improvement into the systems, multiphase planning)					Apply

[1]

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