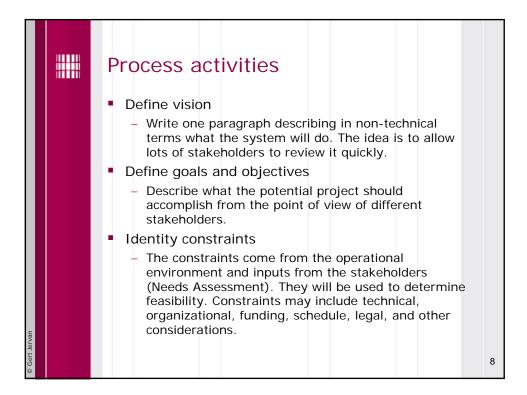
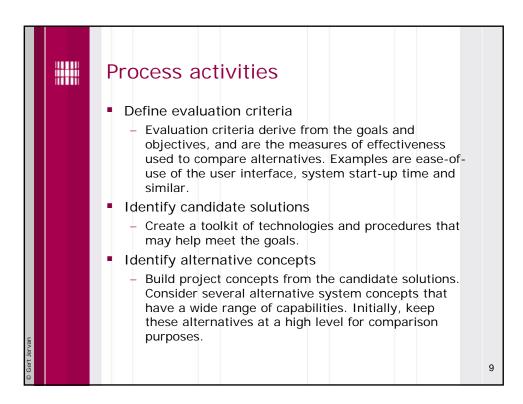
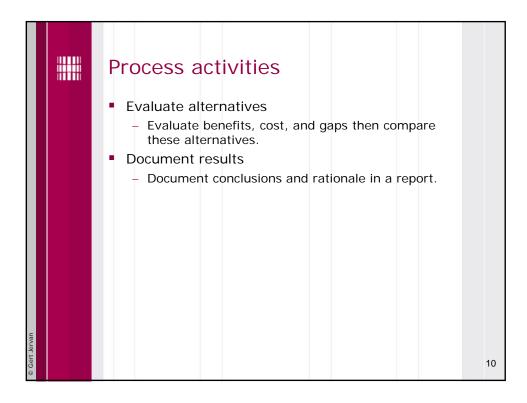
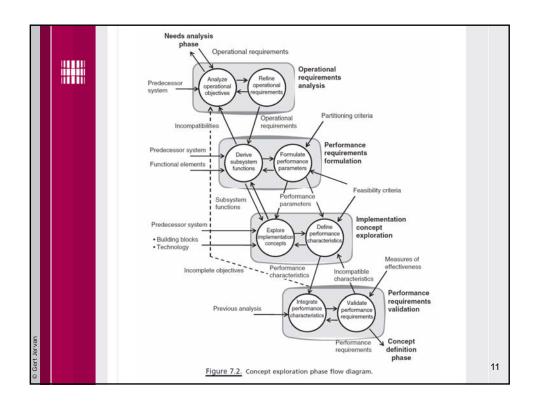


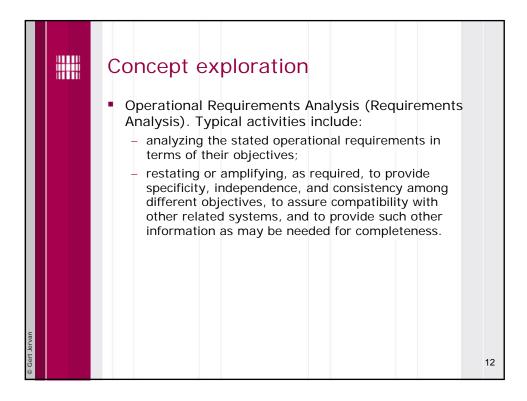
		tem Mate		tion		
TABLE 6.1. Sta	atus of System Mate	erialization at the Needs /	Analysis Phase Phase			2
	Concept development			Engineering development		
Level	Needs analysis	Concept exploration	Concept definition	Advanced development	Engineering design	Integration and evaluation
System Subsystem	Define system capabilities and effectiveness	Identify, explore, and synthesize concepts Define requirements and ensure feasibility	Define selected concept with specifications Define functional and physical	Validate concept Validate subsystems		Test and evaluate Integrate and test
Component Subcomponent Part		Visualize	architecture Allocate functions to components	Define specifications Allocate functions to subcomponents	Design and test Design Make or buy	Integrate and test

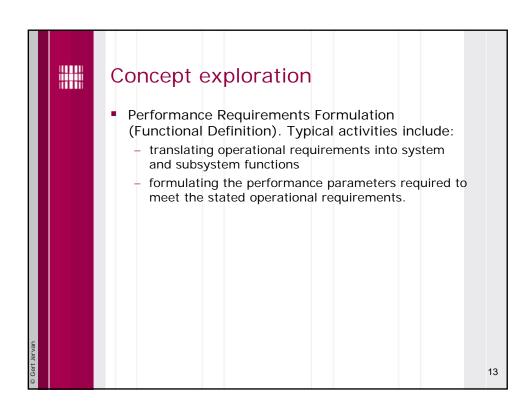












	Concept exploration					
	 Implementation Concept Exploration (Physical Definition). Typical activities include: exploring a range of feasible implementation technologies and concepts offering a variety of potentially advantageous options, 					
	 developing functional descriptions and identifying the associated system components for the most promising cases, and 					
	 defining a necessary and sufficient set of performance characteristics reflecting the functions essential to meeting the system's operational requirements. 					
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