

Relative Importance to Your Organization of Selected SE Capabilities

Topic	SE Capability	High Priority	Medium Priority			Low Priority
Systems Engineering	Systems Engineering - Program Management Metric Integration					
Integrated Problem Solving for:	Well-defined problems, closed solutions					
	Ill-defined problems, closed solutions					
	Ill-defined problems, open-ended solutions					
	Complex ill-defined problems, open-ended solutions					
Communication	Writing, speaking, computing and information literacy					
	Database design; information schema development					
	Model- and simulation-based design capture					
	Optimizing design-capture process and environments					
Process Control - Life Cycle Processes	Typical High-Tech Commercial Systems Integrator					
	Typical High-Tech Commercial Manufacturer					
	ISO/IEC 15288					
	US Department of Defense (DOD) 5000.2					
	US Department of Energy (DOE)					
Process Control - Team Building	Building small teams					
	Leadership and formal team building					
	Creating hierarchies of product teams					
	Managing complex team structures					
Process Control - Management Skills	Personal time management					
	Formal scheduling & resource allocation					
	Planning, tasking, controlling complex tasks					
	Managing life cycle implementation risks					
Systems Integration	Mission function identification and control					
	System function synthesis and evaluation					
	System architecture integration and evaluation					
	Integration metrics					
Value Integration	Select key mission value metrics					
	Identify system performance metrics					
	Select decision makers and decision process					
	Perform trade study					
Comments / Suggestions:						