COMPETENICIES
EMPLOYEE SELF-ASSESSMENT

SAM 201 - INTERMEDIATE SOFTWARE ACQUISITION MANAGEMENT

SAM 201	Competency	Yes	No	Work Description/Justification
1	Given background materials on ISAM course competencies and DoD Acquisition environment, relate ISAM lesson topics to individual learning needs and describe the typical roles played by software management professionals.			
2	Given materials on applicable Federal laws and DoD acquisition policies, determine legal and policy requirements that apply to a given software-intensive system.			
3	Given programmatic documentation for a given software-intensive system, justify appropriate risk handling methods for that system.			
4	Given software-intensive system requirements and current DoD policies, assess the impacts of DoD interoperability policies, requirements, applicable architectures and open systems concepts on the acquisition, development, and support of a software-intensive system.			
5	Given descriptions of acquisition strategies, issues, risks, software-intensive system, select an appropriate acquisition strategy over the life cycle of the system; select an appropriate software development paradigm within that strategy; explain how modeling, simulation, and prototyping help with this process.			

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6	Given a notional software-intensive system, describe software information assurance requirements appropriate to the overall development and acquisition of that system.			
7	Given a software-intensive system within an application domain, select appropriate software requirements management methodologies and techniques.			
8	Given system requirements and a software application domain, assess life cycle impacts and risks of using COTS and NDI/GOTS as part of computer resource planning and support.			
9	Given a software-intensive system in the latter stages of development, identify key issues for deploying it, transitioning its maintenance, and disposing of it.			
10	Given requirements documents, acquisition strategy information, risk assessments, and other programmatic documentation for a software-intensive system, develop a feasible build plan for the system.			
11	Given information about a software-intensive system, identify software safety and reliability issues for the system.			
12	Given programmatic documentation and project-specific measurement data for a software-intensive system, select and analyze performance measures appropriate to the system's acquisition life cycle; appraise tools and techniques available to the program office for planning, measuring and predicting software development, quality and process maturity.			

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13	Given a software-intensive system and a systems-level acquisition strategy, choose key practices considered essential to contracting for such a system; and identify key activities, tasks, and criteria considered essential for effective proposal evaluation and selection of the best-qualified contractor for that system.			
14	Given knowledge of the software cost and schedule cost estimating process, assess techniques that can be used in preparing cost and schedule estimates for software-intensive systems.			
15	Given various cost estimating tools and summary information about a software-intensive system, develop an initial cost and schedule estimate for that system.			
16	Given cost estimation tools and preliminary software development cost and schedule estimates for a software-intensive system, justify an appropriate "should cost" estimate for that system.			
17	Given previous instruction on software testing and a software-intensive system, assess software and system test processes for effectiveness.			
18	Given a software-intensive system, select software configuration management activities and issues that are appropriate to the various development phases of a software-intensive system.			
19	Given a software-intensive system and a draft software development plan, analyze the plan for sufficiency and coverage of project-specific software acquisition and development issues.			