

**COMPETENCIES  
EMPLOYEE SELF-ASSESSMENT**

**SAM 301 - ADVANCED SOFTWARE ACQUISITION MANAGEMENT**

<b>SAM 301</b>	<b>Competency</b>	<b>Yes</b>	<b>No</b>	<b>Work Description/Justification</b>
1	Summarize the course goals and curriculum content.			
2	Assess SAM301 education experience			
3	Assess the benefits and limitations that implementing a standards based architecture brings to the acquisition strategy for an software intensive system			
4	Assess interoperability issues and their impacts on software acquisition.			
5	Apply data administration and management elements, initiatives, methods, and technologies to an information systems acquisition programs.			
6	Summarize the strengths and weaknesses of incorporating software product reuse and Commercial Items products into the acquisition strategy of an information intensive system.			
7	Evaluate the impact of security, safety and integrity requirements on the development of an acquisition strategy for software intensive systems.			
8	Critique the contention that a software crisis exists and current strategies for addressing the crisis.			
9	Evaluate the impact of Congressional and Federal acquisition reform initiatives on acquisition management for software intensive systems.			

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10	Plan for the conduct of the capstone Advanced Software Acquisition Management exercise presentation.			
11	Evaluate a software acquisition methodology for its ability to support an acquisition strategy.			
12	Evaluate the impact of selected technologies on the acquisition and development of software intensive systems.			
13	Evaluate the success factors for creating and sustaining cohesive teams within a software organization.			
14	Assess the impact of current/emerging law upon software acquisition and use.			
15	Present and defend capstone software acquisition management case analysis.			
16	Evaluate methodologies for analyzing, determining, refining, implementing, and testing software intensive system requirements.			
17	Select an appropriate reengineering strategy to implement develop and integrate a software intensive system.			
18	Assess the revised business orientation reflected in the new DoD acquisition policy.			
19	Evaluate strengths and weaknesses of software cost estimation methods and models			
20	Evaluate the philosophy, practice, and processes and merits of for determining, refining, and implementing cost as an independent variable (CAIV) and earned value (EV) in managing software intensive systems.			

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21	Choose appropriate software quality management methodologies based on cost, schedule, and performance risk management considerations.			
22	Evaluate whether a software testing program adequately supports the quality, mission effectiveness and mission suitability goals of an information intensive acquisition program throughout its life cycle of an information intensive program.			