



DEFENSE ACQUISITION UNIVERSITY

CME 260 - Software Acquisition Management (SAM) Policy Implementation

161001

Course Learning/Performance Objectives followed by its enabling learning objectives on separate lines if specified.

1	Given descriptions of the phases of a software development life-cycle, identify key aspects of the Defense Acquisition Management System and DCMA's surveillance responsibilities.
	Recognize elements of the Defense Acquisition Management System.
	Identify some aspects of the Software Development Life-cycle.
	Identify the Software Surveillance Process.
2	Given Earned Value documentation and scenarios, identify Earned Value Management with respect to SAM surveillance.
	Recognize elements of the Work Breakdown Structure.
	Identify Earned Value, Planning, Analysis, and Reporting.
	Identify Potential Earned Value Drivers.
3	Given DCMA documentation and Technical Support to Negotiations (TSN) processes, identify the Software Professional's approach to TSNs.
	Identify the purpose of Technical Support to Negotiations.
	Recognize the Software Professional's input to Technical Support to Negotiations
4	Given descriptions of the Risk Management process for Software Professionals (SPs), identify program/project for risks.
	Identify the fundamentals of Risk Management.
	Identify the Risk Management Process Model.
	Identify the characteristics of a Software Risk Management Plan.
5	Given Software Acquisition Management (SAM) process review and product examination procedures, demonstrate a process review and product examination.
	Recognize elements of a process review.
	Identify techniques for conducting a process review.
	Identify roles of observations in surveillance activities
6	Given SAM guidelines for conducting a software requirements analysis, distinguish activities within the Software Requirements Analysis phase.
	Identify surveillance activities performed during the Software Requirements Analysis phase.
	Identify surveillance activities performed during the software requirement analysis phase.
7	Given SAM guidelines for surveillance of a software design analysis, analyze activities within the Software Design Phase.
	Recognize elements of the Software Design phase.
	Identify Software Design.
8	Given SAM guidelines for conducting surveillance of software code and unit testing, analyze activities within the Software Coding and Unit Testing Phase.
	Recognize elements of the software code/unit testing phase.
	Identify surveillance activities during the Software Coding and Unit testing phase.
9	Given SAM guidelines for conducting software surveillance of integration and testing analysis, analyze supplier activities and products.
	Identify elements of the Software Integration and Testing Phase.
	Identify software/system integration and Computer Software Configuration Item (CSCI) testing.
10	Given guidelines for conducting the software Formal Qualification Testing (FQT) analysis, analyze activities within the software FQT phase.
	Identify the importance of software FQT.
	Identify elements of the software FQT phase.