



DEFENSE ACQUISITION UNIVERSITY

BCF 203 – Intermediate Earned Value Management Course

120305

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

1	<p>Describe the major topics, concepts, and assessment requirements of the IEVMC curriculum, courseware, and the hypothetical Lightweight Assault Reconnaissance (LAR) Vehicle program.</p> <p>Recognize the LAR simulation courseware structure by using the Lesson 1 IEVMC courseware.</p> <p>Prepare a briefing that describes LAR program requirements and risks justifying the use of EVM as an appropriate program management tool by using the IEVMC courseware and Microsoft Office applications,</p> <p>Complete a knowledge level EVM pretest, identifying individual EVM knowledge gaps.</p>
2	<p>Apply DoD EVM policy to assemble the EVM, cost estimating (CE), and financial management (FM) elements of an acquisition strategy.</p> <p>Collect EVM, CE, and FM acquisition planning guidance from the AT&L Knowledge Sharing System, the ACC EVM Community of Practice (EVM CoP), and the Defense Cost and Resource Center (DCARC).</p> <p>Recommend and defend the contract type for the LAR EMD contract.</p> <p>Select statement of work paragraphs for implementing earned value management.</p> <p>Apply the MIL-STD-881 to complete the WBS section of a CSDR Plan for the LAR.</p> <p>Choose the appropriate EVM clauses and EVM, CE, and FM data items to include in an RFP.</p> <p>Summarize EVM source selection and award fee considerations.</p>
3	<p>Given the 32 ANSI/EIA-748 EVM guidelines, a student will be able to discuss the meaning and importance of each and the DoD process for validating EVM systems.</p> <p>Classify the 32 ANSI / EIA -748 guidelines into the five ANSI categories.</p> <p>Match key elements of the nine EVM business processes to the 32 ANSI / EIA -748 guidelines.</p> <p>Describe DoD EVMS validation verses DoD compliance</p> <p>Summarize the DoD EVMS validation process steps.</p> <p>Identify the organizational responsibilities for EVMS validation.</p>
4	<p>Identify the planning, organizing, executing, and follow-up of an Integrated Baseline Review using the Increda internal documents and mock CAM interviews.</p> <p>Describe the DoD Integrated Baseline Review (IBR) policy & process.</p> <p>Explain the Performance Measurement Baseline (PMB) development process.</p> <p>Specify roles and responsibilities for IBR team members.</p> <p>Compute control account EVM variable values and selected EVM metrics</p> <p>Articulate the precedent diagram method of scheduling and correlate the EVM PMB with detailed and master schedules.</p> <p>Identify risk areas through review of IBR documents including integrated master schedule, detailed control account schedules, control account plans, work authorization documents, resource planning documents, contract requirements, and control account manager interviews.</p> <p>Recognize the affect of front-loaded, rubber baseline, over-target baseline, contract modifications, management reserve use, and single-point adjustments on performance measurement baselines.</p>
5	<p>Summarize EVMS surveillance roles and responsibilities documented in the DCMA EVMS Standard Surveillance Operating Manual and the Department of Defense Earned Value Management Roles and Responsibilities.</p> <p>Discuss DoD policy related to EVM Surveillance.</p> <p>Describe the DCMA Center's Standard Surveillance Process</p> <p>Describe the DCMA Center's Standard Corrective Action Request Process</p> <p>Recognize EVMS noncompliance remediation options</p> <p>Identify the surveillance process, procedures, and working relationships of the CAO, DCAA, PMO, and the Contractor.</p>
6	<p>Correlate the relationship of EV trends and data with integrated program management by using data from Financial Management Documents, Network Schedule, APB, CPR and CFSR.</p> <p>Summarize the stakeholders, primary use, standard format and data content of common Program Office documents to include the R-2, R-3, R-4, R-4a, CPR, and CFSR</p> <p>Determine the data validity and correlate MS Project Critical Path and Milestone Schedule data with financial management and program management documents.</p>



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	Analyze wlnsight EVM cost and schedule variance metrics and correlate these data with technical risk and network schedule data to determine the program's cost and schedule drivers.
	Analyze wlnsight summary level EV charts to determine contract cost and schedule performance apply this to forecast a program's cost and price at complete.
7	Reconcile given data with the program's financial management documents by using network schedule data, APB data, and EVM data.
	Compare and reconcile the key data elements of the R-2, R-3, R-4 and R-4a documents with the appreciate elements of the APB, program obligations and expenditure plans, network schedule, and EVM data.
	Reconcile a program CFSR with the program's CPR format 1 and format 3 for consistencies and inconsistencies.
	Summarize how individual elements of the twelve step integrated management model apply to DAES reporting.
8	Demonstrate analysis steps by using EVM analysis techniques and automated tools.
	Analyze cost and schedule information by using LAR SDD CONTRACT CPR data and automated tools
	Identify performance trends by using information obtained from the tool.
	Build briefing slides to demonstrate analysis process by using automated tools.
9	Perform an IPT level assessment given relevant EV databases, schedules, technical performance data, and the Acquisition Program Baseline (APB) by using automated tools.
	Assess assigned IPT cost, schedule and technical performance.
	Identify impact of IPT on other IPTs and overall contract performance.
	Review impacts, identify alternatives and recommend actions.
	Compute the IPT's most likely EAC and EAC range.
10	Perform an integrated program assessment and prepare selected DAES report sections given relevant EV databases, schedules, technical performance data, and the Acquisition Program Baseline (APB) by using automated tools.
	Analyze Increda's cost and schedule performance using the wlnsight, MS <i>Project</i> and assigned period data.
	Identify the principle cost and schedule drivers.
	Compare contractor performance stated in contractor cost reports with status reported on the program schedule and technical reports.
	Compare the latest cost, schedule and technical progress with APB objectives.
	Evaluate Increda's projected cost at completion at total contract.
	Develop a program Estimate at Completion (EACs).
	Identify issues and recommend actions for management attention.
	Prepare the DAES input.