



DEFENSE ACQUISITION UNIVERSITY

BCF 301- Business, Cost Estimating & Financial Management Workshop

170927

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

1	Explain the basic concepts of Cost Analysis
	Define the OSD budget terms used to request funding
	Describe the cost estimate approval process
	Describe the various cost estimating mythologies
	Explain the concept of learning curve
	Explain the concepts of "will cost" and "should cost"
	Explain the concept of trade off analysis
	Define the concept of Technology Rediness Levels (TRLs)
	Outline the TRL requirements at Milestone B and Milestone C
2	Explain the basic concepts of Budget Policy
	Develop an RDT&E budget submission using the incremental funding policy
	Explain the exceptions to the incremental funding policy
	Explain the importance of RDT&E and Procurement phasing
	Outline the concept and rationale for RDT&E and Procurement phasing
	Develop an procurement budget submission using the full funding policy
	Explain the exceptions to the full funding policy
	Explain the exceptions to the annual funding policy
	Outline the decision factors in determining which appropriation should be used to fund product improvements
Explain how to convert Base Year to Then Year Dollars	
3	Given a case scenario, determine relevant facts to a financial manager
	Given programmatic facts, establish which facts are relevant from a budgetary perspective
	Given programmatic facts, establish which facts are relevant from an earned value management perspective
4	Given a case scenario, determine and defend the selection of cost estimating mythologies based on available data
	Given a case situation, determine the appropriate cost estimating methodology for various activities
	After determining the appropriate cost estimating methodology, defend your selection
5	Describe the PPBE process
	Explain the objective of Planning
	Explain the objective of Programming
	Explain the objective of Execution
6	Describe the Budget Exhibits format
	List the data contained on the various Procurement Documents
	List the data contained on the various RDT&E Documents
	Explain the use of Budget Exhibits
7	Explain Congress' role in the DoD Acquisition Process
	List the six House and Senate committees involved in the Fiscal Enactment Process
	Explain the purpose of the Concurrent Budget Resolution
	Explain the purpose of the Authorization Bill
	Explain the purpose of the Appropriation Bill
8	Explain the DoD Congressional Appeals Process
	Given a scenario, determine the amount to appeal
	Given a scenario, determine to which committee an appeal is submitted
	Explain the PMO's role in the Congressional Appeals Process
9	Explain the role of Other Congressional organizations
	Explain the role of the Congressional Budget Office



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	Explain the role of the Government Accountability Office
	Explain the role of the OUSD Comptroller Legislative Liaison Office relative to budgetary matters
	Explain the role of the OASD Legislative Affairs
10	Given a scenario, determine the amount and to whom a DoD Congressional Appeal is submitted
	Given a scenario, determine the amount to appeal
	Given a scenario, determine to which committee an appeal is submitted
	Explain the PMO's role in the Congressional Appeals Process
11	Explain the basic analytical concepts of Earned Value Management
	Define BCWS, BCWP, and ACWP
	Define cost and schedule variance
	Define SPI and CPI
	Define TCPI-EAC and TCPI-LRE
	Define BAC, EAC and VAC
12	Explain how to determine the reasonableness of an Latest Revised Estimate (LRE)
	Explain the relationship between TCPI-LRE and CPI and SPI
	Explain how trend analysis is used to predict future performance
13	Explain how to develop an Estimate at Complete (EAC)
	Explain the importance of "efficiency factors" in developing an EAC
	Explain how to select the appropriate "efficiency factors"
14	Given a scenario, develop and defend an EAC
	Given a scenario, analyze performance and trend data
	After analyzing performance data, predict future cost and schedule performance
	Determine an EAC
	Orally defend the analysis and EAC selection
15	Explain the Budget Execution policy
	Explain the budget authority distribution process
	Define the terms: commitment, obligation, expenditure and outlay
	Explain the PMO's role in executing budget authority
16	Describe the Budget Execution funding phases
	Identify the activities allowed in the current phase
	Identify the activities allowed in the expired phase
	Identify the activities allowed in the canceled phase
17	Outline the statutory requirements for DoD financial management
	Explain the provisions of the "purpose statute"
	Explain the provisions of the "anti-deficiency statute"
	Explain the concept of Bonafide need
	Outline the topics to be covered in a reclama
	Explain the purpose of a reclama
18	Explain the relationship between contract type and budgeting
	Explain the important aspects of fixed price and cost plus contracts
	Explain the budgeting policies for the various contract types
	Outline the process to develop an Estimated Price at Completion
19	Explain the different Contract types
	Outline the key aspects of a fixed price contracts
	Outline the key aspects of a cost plus contract
20	Outline the contracting provisions that are relevant to financial management
	Contrast the two methods to revise/change a contract



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	Explain the objective of the standard contract changes clauses
21	Given a scenario, determine if additional budget authority is required
	Given a scenario, analyze contractor performance data
	Given an EAC/LRE, develop an Estimated Price at Completion (EPC)
	Given a scenario, determine if funds are available to cover the EPC
22	Given a scenario, develop and defend a POM/BES submission
	Given a scenario, analyze performance data and determine an EAC
	Based upon the determined EAC, develop a EPC
	Given a scenario, analyze a program schedule
	Based upon the determined EPC and program schedule, determine the POM/BES submission
	Given a scenario, justify and defend the analysis, decisions and POM/BES submission
23	Describe the purpose of the IPMR and CFSR
	Identify the data contained on the IPMR
	Identify the data contained on the CFSR
	Identify the data contain on the DID
24	Define key terms in financial management, EVMS, and cost analysis
	Define the key financial management terms
	Define the key earned value management terms
	Define the key cost analysis terms
25	Describe how risk affects the DoD Acquisition Process
	Define the term risk
	Explain the DoD Risk Matrix
	Describe the four actions in dealing with risk
	Identify the various acquisition factors which contain risk
26	Given a case scenario, determine relevant facts to a financial manager
	Given programmatic facts, establish which facts are relevant from a budgetary perspective
	Given programmatic facts, establish which facts are relevant from an earned value management perspective
	Given programmatic facts, establish which facts are relevant from an cost analysis perspective
27	Given a scenario, analyze the program schedule, EVMS data, budget submission, budget execution status, cost analyses, and breach criteria outline the factors impacting program performance
	Given a scenario, outline the objectives, purpose, and completeness of the Cost Analysis Requirements Description
	Given a program schedule, provide a risk assessment and outline the programmatic interdependencies
	Given a POE and LCC estimates, analyze the key factors
	Given a current cost estimate and President's Budget, determine the executability of the program
	Given a contractor's EVMS performance, determine an EAC
	Based upon an EAC, develop an EPC
	Based on obligation and expenditure plans, determine financial management performance
	Given a scenario, determine if an APB or Nunn-McCurdy breach has occurred
28	Given a scenario; analyze the situation, ascertain the EVMS, Cost Analysis and FM potential impacts/interrelationships, determine the appropriate action, and defend the action and analyses
	Given a scenario, determine which organizations impacted
	Given a scenario, determine which activities on the program schedule will be impacted
	Given a scenario, determine the financial implications
29	Given a scenario, select and defend a cost estimating methodology for various acquisition activities
	Given a scenario, determine which factors influence the estimating methodology
	Given various elements, factors and estimates, select the method which provides the most accurate estimate
	Based on estimating decisions, defend the methodology and the estimate



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30	Given a scenario; analyze the situation, ascertain the EVMs, Cost Analysis and FM potential impacts/interrelationships, determine the appropriate action, and defend the action and analyses
	Given a program schedule, provide a risk assessment and outline the programmatic interdependencies
	Given a current cost estimate and President's Budget, determine the excutability of the program
	Given a contractor's EVMs performance, determine an EAC
	Based upon an EAC, develop an EPC
	Based on obligation and expenditure plans, determine financial management performance
	Given a scenario, determine if an APB or Nunn-McCurdy breach has occurred
31	Given a scenario; analyze the situation, ascertain the EVMs, Cost Analysis and FM potential impacts/interrelationships, determine the appropriate action, and defend the action and analyses
	Given a scenario with an issue, determine which factors will influence the corrective action
	Compare, contrast, and evaluate four alternative to resolve a programmatic problem/issue
	Given a scenario with an issue, determine the positive and negative aspects of various alternatives
32	Given a scenario; analyze the situation, ascertain the EVMs, Cost Analysis and FM potential impacts/interrelationships, and determine the appropriate action
	Develop a Recovery (Acquisition) Strategy
	Prepare seven cost estimates
	Analyze EVMS performance data and determine an EAC
	Based upon the EAC, develop an EPC
	Based upon the cost estimates and EPC, time phase the program RDT&E budget
	Based upon the Recovery Strategy, develop the Procurement, MILPERS, MILCON, and O&M budget
	Based upon the program financial execution status and obligation and expenditure plans, determine if OSD and service goals will be met
	Based on the Recovery Strategy determine if there is a APB or Nunn-McCurdy breach
	Based Upon the Recovery Strategy, develop a Risk plan and outline risk mitigation actions
	Based upon the Recovery Strategy, develop an implementation plan