Objectives Sheet

PMT 252 - Program Management Tools Course, Part I

Course Learning/Performance Objectives followed by enabling learning objectives

PMT 252.U01.01	**Given a scenario, apply management and leadership competencies and skills needed in a program office as an integrated product team (IPT) lead.**
PMT 252.U01.01.01	Given a leadership/management scenario, identify the management and leadership functions needed.
PMT 252.U01.01.02	Identify the key theories of motivation.
PMT 252.U01.01.03	Identify the stages in the generic team life cycle process.
PMT 252.U01.01.04	Identify the 10 tenets for implementation of the Integrated Product and Process Development (IPPD) management approach.
PMT 252.U01.01.05	Select the key components of effective teams.
PMT 252.U01.01.06	Summarize the importance of the team charter.
PMT 252.U01.01.07	Choose factors for developing a plan to manage communications for an IPT.
PMT 252.U01.01.08	Summarize team conflict resolution techniques.
PMT 252.U01.01.09	Given a scenario, apply the steps of the change model.
PMT 252.U01.01.10	Identify the attributes of an effective metric.
PMT 252.U01.01.11	Given a scenario, apply the steps of the metrics development process.
PMT 252.U01.01.12	Select the three common methods of team decision making.
PMT 252.U01.01.13	Apply team problem solving tools.
PMT 252.U01.01.14	Identify the generic problem solving process.
PMT 252.U01.01.15	Summarize the guidelines for program issue papers.
PMT 252.U01.01.16	Apply the components of the Experiential Learning Cycle to critical thinking.
PMT 252.U02.01	**Given a scenario, evaluate the risk management analysis conducted on the processes and management actions involved in the scenario.**
PMT 252.U02.01.01	Identify the differences between risks, issues, and opportunities.
PMT 252.U02.01.02	Identify the five steps of the DoD Risk Management Process
PMT 252.U02.01.03	Given a scenario, identify the critical success factors to ensure effective risk management.
PMT 252.U02.01.04	Identify the attributes that define the framing assumptions in an acquisition program.
PMT 252.U02.01.05	Choose appropriate examples of assumptions that are considered and assumed true.
PMT 252.U02.01.06	Select risk process planning objectives.
PMT 252.U02.01.07	Identify typical potential program risk management organizational structures.
PMT 252.U02.01.08	Explain the importance of government and contractor risk management.
PMT 252.U02.01.09	Using a scenario, apply specific content of a Program Risk Process (PRP) Document.
PMT 252.U02.01.10	Identify key elements of risk management as it relates to the role of IPT.
PMT 252.U02.01.11	Identify risk identification tools and methods.
PMT 252.U02.01.12	Identify program risks and their associated root causes.
PMT 252.U02.01.13	Identify typical risk sources in acquisition.
PMT 252.U02.01.14	Apply data provided in a risk report, including likelihood or probability criteria and consequences criteria.
PMT 252.U02.01.15	Given a scenario, apply risk analysis tools and techniques for quantitative and qualitative analysis and assessment of risk levels.
PMT 252.U02.01.16	Using a simulation, apply program schedule analysis.
PMT 252.U02.01.17	Identify program risk levels based on the results from simulations.
PMT 252.U02.01.18	Choose potential risk mitigation strategies as they relate to risk events.
PMT 252.U02.01.19	Identify the various tools and techniques used in risk monitoring.
PMT 252.U02.01.20	Identify program management functions and tools that integrate with the Risk Management Process in support of a program.
PMT 252.U02.01.21	Identify the components of opportunity management and risk management.
PMT 252.U02.01.22	Given a scenario, apply the differences between risk management and opportunity management.
PMT 252.U02.01.23	Identify the components of the issue management process.
PMT 252.U02.01.24	Select the appropriate corrective action for high or moderate issues.
PMT 252.U02.01.25	Given a scenario, identify the steps to track a resolution of issues against an issue corrective action plan.
PMT 252.U02.01.26	Identify Risk Management considerations during acquisition life cycle phases.
PMT 252.U02.01.27	Identify proactive risk management activities that support the acquisition life cycle phases.
PMT 252.U03.01	**Given a scenario, build a program and contract WBS.**

Course Learning/Performance Objectives followed by enabling learning objectives

PMT 252.U03.01.01	Identify the 11 major categories of materiel items for a Department of Defense (DoD) WBS.
PMT 252.U03.01.02	Choose the common elements of a DoD WBS.
PMT 252.U03.01.03	Identify the difference between a Program WBS and a Contract WBS.
PMT 252.U03.01.04	Explain the role of control accounts and work packages in the Contract WBS.
PMT 252.U03.01.05	Compare and contrast the two primary techniques for WBS construction: top-down and bottom-up.
PMT 252.U03.01.06	Identify guidelines to follow when developing a WBS.
PMT 252.U03.01.07	Identify the Program Management uses of the WBS.
PMT 252.U04.01	**Given a scenario, construct a network schedule with solutions to common scheduling problems.**
PMT 252.U04.01.01	Relate the relationship of the Integrated Master Plan (IMP) to the Integrated Master Schedule (IMS).
PMT 252.U04.01.02	Select the six steps for the schedule development and management process.
PMT 252.U04.01.03	Given a task relationship scenario, identify the standard type of dependencies or relationships between schedule activities.
PMT 252.U04.01.04	Identify the end result of the identification of schedule tasks step.
PMT 252.U04.01.05	Using a task duration estimating calculation, select the correct estimating technique.
PMT 252.U04.01.06	Identify the differences in schedules produced, as an output of constructing program schedules.
PMT 252.U04.01.07	Identify the key factors of a schedule change management system, as part of monitoring and control of program schedules.
PMT 252.U04.01.08	Explain the effects of agile project management on scheduling.
PMT 252.U04.01.09	Identify the types of schedules commonly used in program management.
PMT 252.U04.01.10	Using symbology on a Gantt chart, interpret the different types of relationships.
PMT 252.U04.01.11	Identify the advantages/disadvantages of network diagrams.
PMT 252.U04.01.12	Contrast the three network schedule types.
PMT 252.U04.01.13	Using a simple PDM schedule format, identify the earliest and latest start and finish dates, critical path, and float (or slack).
PMT 252.U04.01.14	Identify the components of the Critical Path Method (CPM).
PMT 252.U04.01.15	Identify the differences between a resource-constrained schedule and a time-constrained schedule.
PMT 252.U04.01.16	Identify four solutions to time constraint issues.
PMT 252.U04.01.17	Identify four possible methods for working with resource constraints.
PMT 252.U04.01.18	Identify the potential causes for schedule risks and delays.
PMT 252.U04.01.19	Choose the type of data that needs to be calculated in preparation for using 14-Point Schedule Metrics.
PMT 252.U04.01.20	Identify some of the 14-Point Schedule Metrics.
PMT 252.U04.01.21	Construct a simple network schedule using the PDM format.
PMT 252.U05.01	**Given a scenario, identify a detailed bottom-up cost estimate for a proposed change to a production process.**
PMT 252.U05.01.01	Apply rough estimates for a program.
PMT 252.U05.01.02	Apply the basic cost estimating methods/techniques used to create cost estimates that are most appropriate.
PMT 252.U05.01.03	Given a scenario, analyze the basic cost estimating methods/techniques to ensure that the most appropriate method was used.
PMT 252.U05.01.04	Select differences in cost types found in a cost estimate.
PMT 252.U05.01.05	Identify other direct costs.
PMT 252.U05.01.06	Identify the types of adjustments to calculate direct manufacturing labor costs.
PMT 252.U05.01.07	Identify the effects of learning curve theory on cost estimates.
PMT 252.U05.01.08	Identify the types of adjustments to calculate direct material costs.
PMT 252.U05.01.09	Given a scenario with an overhead rate, calculate the total overhead costs for a project or portion of a project.
PMT 252.U05.01.10	Given a scenario with a general and administrative rate, calculate the total cost for a project.
PMT 252.U05.01.11	Identify the cost elements used in the Life Cycle Cost Estimate (LCCE) and the Total Cost of Ownership (TCO) of a program.
PMT 252.U05.01.12	Apply raw and weighted indices to escalation to calculate cost estimates.
PMT 252.U05.01.13	Convert base year (BY) to then-year (TY) dollars as appropriate for cost estimating.
PMT 252.U05.01.14	Apply constant dollars in the cost estimate to then-year dollars for Program Objectives Memorandum (POM) and budget submissions.
PMT 252.U05.01.15	Identify the linkage between a cost estimate and a work breakdown structure.
PMT 252.U05.01.16	Identify the linkage between a cost estimate and earned value management systems.

Course Learning/Performance Objectives followed by enabling learning objectives

PMT 252.U05.01.17	Identify the linkage between a cost estimate and budgeting.
PMT 252.U06.01	**Given a scenario, explain how to establish and interpret EVM reports.**
PMT 252.U06.01.01	Identify key EVM metrics.
PMT 252.U06.01.02	Use EVM metrics to determine current program status.
PMT 252.U06.01.03	Apply program variances and indices.
PMT 252.U06.01.04	Explain the role of Performance Measurement Baseline (PMB) in EVM.
PMT 252.U06.01.05	Summarize the Integrated Baseline Review (IBR) process and objectives.
PMT 252.U06.01.06	Analyze the results of an EVM report.
PMT 252.U06.01.07	Identify the six-period summary components as they support EVM program analysis.
PMT 252.U06.01.08	Using a trend chart, select the BCWS, BCWP, and ACWP, cost and schedule variances, and/or performance indices.
PMT 252.U07.01	**Identify how the program manager and other Acquisition Team members use small business to the maximum extent practicable in the DoD acquisition process.**
PMT 252.U07.01.01	Summarize the interrelationship and importance of small business to the acquisition team and Acquisition Life Cycle process.
PMT 252.U07.01.02	As Acquisition Team members, apply market research to recognize appropriate small business resources.
PMT 252.U07.01.03	As Acquisition Team members, apply acquisition planning to recognize appropriate small business resources.
PMT 252.U07.01.04	Identify ways to use small businesses during the phases of the Acquisition Life Cycle.
PMT 252.U07.01.05	Apply small businesses and remove barriers in RFP development and source selection planning.
PMT 252.U07.01.06	Identify how small business sustainment affects the acquisition process.
PMT 252.U07.01.07	Identify the effect of small business use on rapid acquisition.
PMT 252.U08.01	**Given references and a scenario, apply program protection techniques and policies, including cybersecurity, for an acquisition program life cycle.**
PMT 252.U08.01.01	Identify the role of a Program Protection Plan (PPP) in the Acquisition Life Cycle.
PMT 252.U08.01.02	Identify the process for establishing a Program Protection Plan associated with an Acquisition Life Cycle.
PMT 252.U08.01.03	Identify the relationship between detection-and-response countermeasures and prevention countermeasures.
PMT 252.U08.01.04	Identify Critical Program Information (CPI) and mission critical functions within an acquisition program's life cycle.
PMT 252.U08.01.05	Identify the Five Pillars of Cybersecurity.
PMT 252.U08.01.06	Identify the differences between Cybersecurity (new terminology) and Information Assurance (old terminology).
PMT 252.U08.01.07	Identify threats and attacks to an acquisition program life cycle.
PMT 252.U08.01.08	Identify techniques/procedures for protecting technology that supports the program.
PMT 252.U08.01.09	Identify the role of Cybersecurity in the Acquisition Life Cycle.
PMT 252.U08.01.10	Identify the major roles and responsibilities of a PM as they relate to the PPP.
PMT 252.U08.01.11	Select information that is contained in the Cybersecurity Strategy.
PMT 252.U08.01.12	Identify software assurance and SCRM as it applies to the PPP.
PMT 252.U08.01.13	Using a cybersecurity strategy framework, identify requirements in an acquisition program life cycle.
PMT 252.U08.01.14	Identify testing considerations and practicing cybersecurity requirements within the PPP.
PMT 252.U08.01.15	Choose research and technology protection policies as they relate to Information Superiority.
PMT 252.U08.01.16	Apply the Cybersecurity Risk Management Framework (RMF) and its steps and activities for an acquisition program life cycle.
PMT 252.U09.01	**Given a scenario, apply Intelligence Support and Threat Intelligence Support to support systems development and the Acquisition Life Cycle.**
PMT 252.U09.01.01	Identify the role of Intelligence Support in the Acquisition Life Cycle.
PMT 252.U09.01.02	Identify the key activities, inputs, and products associated with Threat Intelligence Support.
PMT 252.U09.01.03	Identify the importance of signatures and Intelligence Mission Data (IMD).
PMT 252.U09.01.04	Understand the importance of identifying requirements for intelligence analysis related to enabling mission capability.
PMT 252.U09.01.05	Demonstrate your knowledge of the organization and roles of the Intelligence Community (IC).
PMT 252.U09.01.06	Demonstrate your knowledge of how Intelligence Support activities support the Department of Defense (DoD) Systems Acquisition Life Cycle.
PMT 252.U09.01.07	Demonstrate your knowledge of the Validated Online Lifecycle Threat (VOLT) Report content.
PMT 252.U09.01.08	Demonstrate your knowledge of the Life Cycle Mission Data Plan (LMDP) content.