



## Objectives Sheet

### ACQ 203 - Intermediate Systems Acquisition, Part B

*Course Learning/Performance Objectives followed by enabling learning objectives*

<b>ACQ 203.U1-1.01</b>	<b>Determine how IPT leadership concepts can be used to overcome barriers to effective teamwork, based on real world experience.</b>
ACQ 203.U1-1.01.01	Relate key tenets of IPPD to planning and executing an acquisition program.
ACQ 203.U1-1.01.02	Identify the aids and barriers to successful IPT implementation.
ACQ 203.U1-1.01.03	Identify the Supervisory, Participative and Team leadership styles.
ACQ 203.U1-1.01.04	Describe how different leadership styles impact the effectiveness of an IPT.
ACQ 203.U1-1.01.05	Identify the behaviors and characteristics of effective teams.
<b>ACQ 203.U1-2.01</b>	<b>Resolve an acquisition-related dilemma by prioritizing ethical values and considering how choices impact the welfare of others.</b>
ACQ 203.U1-2.01.01	Identify the characteristics of a "successful" defense acquisition program from a variety of perspectives.
ACQ 203.U1-2.01.02	Identify core ethical values critical to decision making in the acquisition environment.
ACQ 203.U1-2.01.03	Identify the steps of the Principled Decision Making Model.
ACQ 203.U1-2.01.04	Resolve an ethical dilemma by applying the steps of the Principled Decision Making Model.
<b>ACQ 203.U1-3.01</b>	<b>Prepare an acquisition strategy program structure chart showing appropriate interrelationship(s) of the various business and technical functions involved in planning and executing the program:</b>
ACQ 203.U1-3.01.01	Given an acquisition program scenario with information on technology maturity, funding and JCIDS documentation, identify the correct starting point for the program in the acquisition lifecycle
ACQ 203.U1-3.01.02	Identify the correct type of appropriated funds needed by phase and work effort
ACQ 203.U1-3.01.03	Given an acquisition program structure chart identify the correct sequence and timing of technical reviews by phase and work effort
ACQ 203.U1-3.01.04	Given an acquisition program structure chart identify the correct sequence and timing of developmental and operational test events by phase and work effort
ACQ 203.U1-3.01.05	Given an acquisition program structure chart identify the correct sequence and timing of lifecycle logistics planning and execution efforts by phase and work effort
ACQ 203.U1-3.01.06	Given an acquisition program structure chart, identify the appropriate contract types by phase and work effort
ACQ 203.U1-3.01.07	Given an acquisition program structure chart, identify the timing of major hardware deliverables by phase and work effort
ACQ 203.U1-3.01.08	Relate the capability documents (ICD,CDD,CPD) to the correct phases of the acquisition system
ACQ 203.U1-3.01.09	Identify the evolutionary acquisition strategy approach
ACQ 203.U1-3.01.10	Identify the single step acquisition strategy approach
<b>ACQ 203.U1-3.02</b>	<b>Modify, present, and defend an acquisition strategy to accommodate a change in program funding levels</b>
ACQ 203.U1-3.02.01	Identify the proper response to a program funding cut
ACQ 203.U1-3.02.02	Given a program funding cut identify the potential impacts on industry
<b>ACQ 203.U1-4.01</b>	<b>Evaluate alternative approaches to meet a needed capability based on affordability, schedule and technical considerations</b>
ACQ 203.U1-4.01.01	Given a user's requirement and selected concept, select an appropriate approach from the perspective of the system developer, to meet the requirement.
ACQ 203.U1-4.01.02	Identify the three major dimensions of program risk used to analyze technical approaches during the Materiel Solution Analysis Phase (cost, schedule and performance)
ACQ 203.U1-4.01.03	Identify the concept of affordability goals in relation to an acquisition program.
ACQ 203.U1-4.01.04	Relate the concept of affordability goals to the planning of an acquisition program.
ACQ 203.U1-4.01.05	Working in a student-led IPT, demonstrate the behaviors and characteristics of an effective team.
<b>ACQ 203.U2-1.01</b>	<b>Develop portions of a source selection plan, including source selection criteria</b>
ACQ 203.U2-1.01.01	Identify how the Government communicates performance requirements in solicitations.
ACQ 203.U2-1.01.02	Identify the role of various IPT members in developing the solicitation.
ACQ 203.U2-1.01.03	Identify the purpose of evaluation criteria and how the criteria are developed.
ACQ 203.U2-1.01.04	Develop evaluation criteria in a source selection.
ACQ 203.U2-1.01.05	Identify methods of pre-solicitation communication with defense contractors.
<b>ACQ 203.U2-2.01</b>	<b>Apply the iterative SE steps to develop outputs of the systems engineering process in order to verify they meet a given requirement</b>
ACQ 203.U2-2.01.01	Given a summary Capability Development Document (CDD) and a system concept, determine whether the concept addresses all user requirements.
ACQ 203.U2-2.01.02	Identify the overall purpose of the systems engineering process
ACQ 203.U2-2.01.03	Identify the technical processes that make up the overall systems engineering process



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ACQ 203.U2-2.01.04	Identify the technical management processes used to control and manage the overall systems engineering process
ACQ 203.U2-2.01.05	Identify the main inputs and outputs of the overall systems engineering process
ACQ 203.U2-2.01.06	Given an acquisition scenario within an IPT environment, develop selected outputs of the systems engineering process steps.
<b>ACQ 203.U2-3.01</b>	<b>Given a program schedule, explain the role of test and evaluation (DT&amp;E, OT&amp;E, LFT&amp;E) in the systems engineering and acquisition management processes.</b>
ACQ 203.U2-3.01.01	Identify the characteristics and purposes of Developmental Test and Evaluation (DT&E)
ACQ 203.U2-3.01.02	Identify the characteristics and purposes of Operational Test and Evaluation (OT&E)
ACQ 203.U2-3.01.03	Identify the characteristics and purposes of Live Fire Test and Evaluation (LFT&E)
ACQ 203.U2-3.01.04	Given a test event description, correctly identify the type of testing being accomplished
ACQ 203.U2-3.01.05	Given a program schedule, correctly identify opportunities for combined DT/OT
ACQ 203.U2-3.01.06	Identify the risks and benefits associated with combining DT and OT events
<b>ACQ 203.U2-4.01</b>	<b>Analyze actual verses planned technical performance data in risk areas to indicate potential problems that may prevent a system from being operationally effective and suitable.</b>
ACQ 203.U2-4.01.01	Identify potential risk areas based on technical performance data
ACQ 203.U2-4.01.02	Identify the role of technical performance measures in the systems engineering process.
<b>ACQ 203.U2-5.01</b>	<b>Given a segment of contract work and associated tasks, plan the tasks and resources necessary to complete contract work within cost and schedule constraints.</b>
ACQ 203.U2-5.01.01	Apply the fully burdened rate to labor hours to correctly calculate contractor's costs
ACQ 203.U2-5.01.02	Distinguish correctly between direct and indirect costs on a contract
ACQ 203.U2-5.01.03	Given a simple Gantt chart with defined task relationships, identify the critical path
ACQ 203.U2-5.01.04	Given a completed Gantt chart with the critical path identified, identify cost and schedule risks in the plan
ACQ 203.U2-5.01.05	Given a completed Gantt chart with the critical path identified, explain cost and schedule risks in the plan
<b>ACQ 203.U3-1.01</b>	<b>Select a best value contractor by comparing contractor proposals and test results to source selection criteria</b>
ACQ 203.U3-1.01.01	Apply evaluation criteria in a source selection.
ACQ 203.U3-1.01.02	Identify the best value approach to source selection
ACQ 203.U3-1.01.03	Apply a selected quantitative tool (e.g. decision matrix) to resolve a problem
<b>ACQ 203.U3-2.01</b>	<b>The student will be able to analyze contractor performance indicators to identify trends and problems</b>
ACQ 203.U3-2.01.01	Given earned value data calculate cost variance, schedule variance, cost performance index and schedule performance index
ACQ 203.U3-2.01.02	Given cost variance, schedule variance, SPI & CPI explain the program's cost and schedule status
<b>ACQ 203.U3-3.01</b>	<b>Given a scenario, apply key software acquisition management principles needed to make sound decisions for planning and executing an acquisition program.</b>
ACQ 203.U3-3.01.01	Recognize the importance of fully integrating cybersecurity into programs early and throughout the system lifecycle.
ACQ 203.U3-3.01.02	Identify "Best Practices" that may be appropriate for the acquisition of software-intensive systems.
ACQ 203.U3-3.01.03	Identify the aspects of the Net Ready KPP as it applies to acquisition of Information Technology (e.g. interoperability, architecture, information assurance).
ACQ 203.U3-3.01.04	Identify the benefits and risks associated with using Commercial Off The Shelf (COTS) software
ACQ 203.U3-3.01.05	Explain the relationship between software development activities and the systems engineering process.
ACQ 203.U3-3.01.06	Explain the impact of a new requirement on various functional areas
ACQ 203.U3-3.01.07	Identify the impacts of a new program requirement on the following functional areas: Program Management, Systems Engineering, Contracting, Lifecycle Logistics, Financial Management, Software Acquisition Management, & Test and Evaluation
<b>ACQ 203.U3-4.01</b>	<b>Analyze a reliability problem from multiple perspectives and select and defend a solution</b>
ACQ 203.U3-4.01.01	Explain the interrelationship between selected functional areas (e.g., contracting, finance, systems engineering) and acquisition logistics.
ACQ 203.U3-4.01.02	Explain why it is important to influence system design for supportability.
ACQ 203.U3-4.01.03	Explain the relationship of Reliability, Availability, and Maintainability (RAM) to Acquisition Logistics, and its impact on system performance, operational effectiveness (including support), logistics planning, and life-cycle cost.
ACQ 203.U3-4.01.04	Identify and the impacts of a supportability problem on the following functional areas: Program Management, Systems Engineering, Contracting, Lifecycle Logistics, Financial Management, Quality Assurance & Manufacturing, & Test and Evaluation



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ACQ 203.U3-4.01.05	Explain how instability of requirements, design, and production processes impact program cost and schedule.
<b>ACQ 203.U3-5.01</b>	<b>Given a scenario, identify major contract administration activities.</b>
ACQ 203.U3-5.01.01	Explain the interrelationship between selected functional areas (e.g., life cycle logistics, finance, systems engineering) and contracting.
ACQ 203.U3-5.01.02	Identify the causes and consequences of unauthorized commitments.
ACQ 203.U3-5.01.03	Identify the complementary roles and responsibilities of the contracting officer and the program manager in their partnership throughout the acquisition process.
<b>ACQ 203.U3-5.02</b>	<b>Given a scenario, apply the procedures, rules and public laws associated with the execution of DoD budgets.</b>
ACQ 203.U3-5.02.01	Identify the public laws (i.e., Misappropriation Act, Anti-deficiency Act, Bona Fide Need Rule) that apply to the use of appropriated funds in DoD acquisition.
ACQ 203.U3-5.02.02	Select the appropriate public law (i.e., Misappropriation Act, Anti-deficiency Act, Bona Fide Need Rule) that applies to the use of appropriated funds under specific circumstances.
<b>ACQ 203.U4-1.01</b>	<b>Analyze the impact of supportability issues on system readiness/performance and other functional areas. E.g. contracts, finance, systems engineering and acquisition logistics</b>
ACQ 203.U4-1.01.01	Synthesize several approaches to solving a program supportability issue (obsolescence).
ACQ 203.U4-1.01.02	Evaluate approaches to solving a program supportability issue (obsolescence).
ACQ 203.U4-1.01.03	Recommend the best to solving a program supportability issue (obsolescence).
ACQ 203.U4-1.01.04	Identify the proper DoD Appropriation Category to be used to budget for each of the three phases of a Product Improvement Program.
ACQ 203.U4-1.01.05	Assess the impact of the failure to execute funds in accordance with program plans.
ACQ 203.U4-1.01.06	Recognize how configuration management impacts all functional disciplines (e.g., test, logistics, manufacturing, etc.)
ACQ 203.U4-1.01.07	Demonstrate the interrelationship between selected functional areas, e.g., contracting, finance, systems engineering, and life cycle logistics.
ACQ 203.U4-1.01.08	Identify tools/best practices/techniques available in the systems engineering process to achieve the principal goals of supportability analyses.
ACQ 203.U4-1.01.09	Apply performance based metrics to a program supportability problem (e.g. obsolescence)
ACQ 203.U4-1.01.10	Apply performance or outcome based logistics principles to solving a program obsolescence issue.