



Objectives Sheet

LOG 105 - Fundamentals of System Sustainment Management

Course Learning/Performance Objectives followed by enabling learning objectives

LOG 105.U01.01	At the end of this module, you will be able to identify the organizations responsible for the logistics mission in DoD.
LOG 105.U01.01.01	Describe the legal and policy guidance applicable to the DoD logistics process.
LOG 105.U01.01.02	Describe the overall mission and objectives of the DoD logistics community and the process areas over which logistics organizations have oversight and exhibit caution responsibility.
LOG 105.U01.01.03	Identify the organizational structure and related responsibilities of the members of the DoD logistics community.
LOG 105.U01.01.04	Identify the logistics activities that are part of military operational organizations both within CONUS and overseas.
LOG 105.U02.01	.At the end of this module, you will be able to describe Supply Chain Management's concept and evolution.
LOG 105.U02.01.01	Recognize drivers and phases of the evolution of the Supply Chain Management Concept
LOG 105.U02.01.02	Identify seven principles in the practice of Supply Chain Management (SCM)
LOG 105.U03.01	At the end of this module, you will be able to recognize the definitions of SCM and the different perspectives of how SCM can be viewed.
LOG 105.U03.01.01	Describe a supply chain.
LOG 105.U03.01.02	Identify the three types of perspectives on supply chain management
LOG 105.U03.01.03	Identify the four process cycles that may be found in supply chains
LOG 105.U04.01	At the end of this module, you will be able to recognize the effects of product demand and material supply approaches in selecting the appropriate supply chain strategy to meet performance objectives
LOG 105.U04.01.01	Recognize the general supply chain structure.
LOG 105.U04.01.02	Define the fundamental drivers of supply chain performance in organic and commercial environments.
LOG 105.U04.01.03	Define a supply chain strategy and its relationship to the goals of the business strategy.
LOG 105.U04.01.04	Explain the concept of 'strategic fit' and the factors to be considered by a business in arriving at a supply chain strategy that achieves strategic fit.
LOG 105.U04.01.05	Identify several major obstacles to achieving a supply chain strategic fit.
LOG 105.U04.01.06	Identify examples of supply chain risks and be cognizant of high level policy that directs activities within Department of Defense (DoD) to develop a supply chain risk management strategy that will adequately address those risks in order to safeguard DoD's supply chain.
LOG 105.U05.01	At the end of this module, you will be able to identify the reasons for business reference models and the major supply chain management processes that are part of the APICS SCC SCOR model.
LOG 105.U05.01.01	Identify the rationale (the reasons) for business reference models.
LOG 105.U05.01.02	Identify the components of the APICS SCOR model.
LOG 105.U05.01.03	Use the APICS SCC SCOR model to describe the components of a DoD supply chain.
LOG 105.U06.01	At the end of this module, you will be able to identify the planning elements and best practices in Supply Chain Management
LOG 105.U06.01.01	Describe the planning structure of a Supply Chain Management system.
LOG 105.U06.01.02	Identify the challenges associated with planning for the components of supply chain network design.
LOG 105.U06.01.03	Describe the flow of material and information processes.
LOG 105.U06.01.04	Recognize exemplary best practices in terms of potential application to DoD for planning the supply chain.
LOG 105.U07.01	At the end of this module, you will be able to identify materiel requirements concepts and materiel retention issues.
LOG 105.U07.01.01	Identify the cost of holding inventory.
LOG 105.U07.01.02	Identify materiel requirements determination concepts.
LOG 105.U07.01.03	Recognize some major inventory management planning processes.
LOG 105.U07.01.04	Identify materiel retention issues and implications.
LOG 105.U08.01	At the end of this module, you will be able to identify the key elements in the effective development and implementation of a sourcing strategy.
LOG 105.U08.01.01	Describe the sourcing strategy development process.
LOG 105.U08.01.02	Identify various sourcing strategies and the reasons for employing them.
LOG 105.U08.01.03	Recognize the four phases of buyer-supplier relationships and the business interfaces that support them.
LOG 105.U08.01.04	Recognize key practices in the management of supplier sourcing.
LOG 105.U09.01	At the end of this module, you will be able recognize the major process relationships between maintenance and supply that are essential for effective and efficient logistics support.
LOG 105.U09.01.01	Identify the major interfaces between maintenance and supply in the DoD planning, programming, and budgeting processes.
LOG 105.U09.01.02	Describe the critical maintenance and supply interfaces in the program execution process.



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LOG 105.U09.01.03	Identify commercial best practices that can improve DoD maintenance-supply interfaces.
LOG 105.U09.01.04	Describe the concept of 'resetting the force'.
LOG 105.U10.01	At the end of this module, you will be able to recognize the importance of considering field-level maintenance in acquisition planning.
LOG 105.U10.01.01	Describe field level maintenance.
LOG 105.U10.01.02	Identify DoD and service policy guidance associated with field level maintenance.
LOG 105.U10.01.03	Identify the services' maintenance structures.
LOG 105.U11.01	At the end of this module, you will be able to define the functions of order fulfillment within the supply chain and available issues and solutions.
LOG 105.U11.01.01	Describe order fulfillment and the order cycle, including the major activities within the order cycle.
LOG 105.U11.01.02	Identify the principal challenges approaches for addressing those challenges.
LOG 105.U11.01.03	Recognize the new challenges in order cycle management and approaches taken to address these challenges.
LOG 105.U12.01	At the end of this module, you will be able to identify the range of alternatives in order fulfillment, transport services network design, and distribution.
LOG 105.U12.01.01	Recognize the functions and organizations involved in "End-to-End Distribution," and the "Distribution Process Owner" initiative.
LOG 105.U12.01.02	Recognize the importance of the "End-to-End" (E2E) distribution vision,
LOG 105.U12.01.03	Identify major challenges in achieving supply chain transparency and the life cycle support considerations needed to address them.
LOG 105.U13.01	At the end of this module, you will be able to identify logistics data and data management activities needed to support the warfighter.
LOG 105.U13.01.01	Recognize types of logistics data needed to support the warfighter.
LOG 105.U13.01.02	Identify logistic data management activities across the acquisition life cycle.
LOG 105.U13.01.03	Recognize logistics data technologies and their potential benefits and challenges.
LOG 105.U14.01	At the end of this module, you will be able to describe representative data collection, information and communication technologies and their role in facilitating the purchase, movement, repair and storage of material.
LOG 105.U14.01.01	Identify the importance of inventory visibility of material movement and storage.
LOG 105.U14.01.02	Describe examples of maintenance management technologies that may have potential for DoD application.
LOG 105.U14.01.03	Recognize various asset identification and tracking technologies.
LOG 105.U14.01.04	Describe the impact of an e-business environment on supply chain procurement and collaboration practices.
LOG 105.U14.01.05	Describe examples of supply chain technology modernization tools.
LOG 105.U14.01.06	describe the overall DoD approach to logistics systems modernization.
LOG 105.U15.01	At the end of this module, you will be able to identify key metrics that permit tracking and management of supply chain performance.
LOG 105.U15.01.01	Identify the key information necessary to effectively manage a supply chain.
LOG 105.U15.01.02	Identify key performance attributes and associated metrics that can be used to measure a supply chain.
LOG 105.U15.01.03	Identify the concepts and metrics associated with a "Balanced Scorecard" business methodology.
LOG 105.U16.01	At the end of this module, you will be able to identify the concepts and current practices of supply chain quality management.
LOG 105.U16.01.01	Recognize significant and current supply chain quality management strategies.
LOG 105.U16.01.02	Describe widely accepted strategies used to manage quality.
LOG 105.U16.01.03	Identify the quality strategies that support internal operations or supplier quality management including partnering, supplier selection, qualification, and certification.
LOG 105.U17.01	At the end of this module, you will be able to identify environmental requirements, issues and impacts on DoD logistics processes and organizations.
LOG 105.U17.01.01	Identify environmental concern(s) that arise in each traditional logistics function.
LOG 105.U17.01.02	Identify environmental policy and regulatory guidance applicable to logistics functional areas.
LOG 105.U17.01.03	Identify the relationships between resolving environmental problems and implementing Supply Chain Management in DoD logistics.
LOG 105.U17.01.04	Identify environmental education and training requirements for DoD logistics personnel.
LOG 105.U17.01.05	Identify logistics-related environmental safety and occupational health requirements.
LOG 105.U17.01.06	Identify the role of the Defense Logistics Agency (DLA) Disposition Services organization in supporting environmental improvement.