



DEFENSE ACQUISITION UNIVERSITY
SYS 202 Intermediate Systems Planning, Research,
Development and Engineering, Part I

110126

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

1	Recognize the importance of Systems Engineering in the acquisition process
	Identify the general role of Systems Engineering in the acquisition process
	Define Systems Engineering in the context of DoD
	Recognize key standards and processes used to apply Systems Engineering
	Identify key components of a Systems Model
	Recognize the relationship among Business Planning, Technical Planning, and the other Technical Management processes
	Identify principal documents used in Technical Planning
2	Describe the 'Important Design Considerations' outlined in the DAG
	Identify considerations that can impact design
	Recognize their possible impacts/implications on design solution(s)
3	Describe the Decision Support System (DSS)
	Recognize the interaction between the Joint Capabilities Integration & Development System (JCIDS), the Planning, Programming, Budgeting & Execution (PPBE) process, and the Defense Acquisition Management System
	Identify the Key Players in DoD Acquisition
4	Apply Systems Engineering activities critical to the Materiel Solution Analysis phase
	Identify Inputs needed for the Materiel Solutions Analysis phase
	Identify Outputs of the Materiel Solutions Analysis phase
	Recognize key Systems Engineering activities during Materiel Solutions Analysis phase
	Recognize event-driven technical reviews associated with Materiel Solutions Analysis phase
5	Apply Systems Engineering activities critical to the Technology Development phase
	Identify Inputs needed for the Technology Development phase
	Identify Outputs of the Technology Development phase
	Recognize key Systems Engineering activities during Technology Development
	Recognize event-driven technical reviews associated with Technology Development
6	Apply Systems Engineering activities critical to the Engineering & Manufacturing Development (EMD) phase
	Identify the Inputs needed for EMD
	Identify the Outputs, or products, of EMD
	Recognize key Systems Engineering activities for EMD
	Recognize event-driven technical reviews and audits associated with EMD
7	Apply Systems Engineering activities critical to the Production & Deployment (P&D) phase
	Identify the Inputs needed for P&D
	Identify the Outputs, or products, of P&D
	Recognize key Systems Engineering Activities for P&D
	Recognize event-driven technical reviews associated with P&D
8	Apply Systems Engineering activities critical to the Operations & Support (O&S) phase
	Identify Inputs needed for O&S
	Identify Outputs of the O&S phase
	Recognize key Systems Engineering activities during O&S
	Recognize the event-driven technical review associated with O&S