

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

<b>LOG 0470.U01.01</b>	<b>List the analyses needed to identify and address solutions for procedural, operational, and technical in-service problems.</b>
LOG 0470.U01.01.01	Identify Operational Profile Analysis.
LOG 0470.U01.01.02	Recognize the use of Operational Profile Analysis in supporting in-service systems.
LOG 0470.U01.01.03	Identify Failure Analyses.
LOG 0470.U01.01.04	Recognize the use of Failure Analyses in assisting supporting in-service systems.
LOG 0470.U01.01.05	Identify Value Engineering Principals and Function.
LOG 0470.U01.01.06	Understand the use of Value Engineering in supporting in-service systems.
<b>LOG 0470.U01.02</b>	<b>Describe how sustaining engineering principles and tools apply to engineering disposition activities, such as technical manual and order updates, repair or upgrade vs. disposal or retirement, and maintenance evaluation processes.</b>
LOG 0470.U01.02.01	Identify Engineering Technical Services.
LOG 0470.U01.02.02	Recognize the use of Technical Services in supporting in-service systems.
LOG 0470.U01.02.03	Identify the Engineering Dispositions.
LOG 0470.U01.02.04	Recognize how Engineering Dispositions impact supporting in-service systems.
<b>LOG 0470.U01.03</b>	<b>Identify and eliminate systematic failure modes and improve reliability by taking corrective actions in response to identified system design, operation or maintenance procedures.</b>
LOG 0470.U01.03.01	Identify characteristics or examples of Reliability Growth.
LOG 0470.U01.03.02	Choose process step(s) for developing Reliability Growth Strategy.
LOG 0470.U01.03.03	Recognize the process step(s) for tracking and monitoring reliability growth.
<b>LOG 0470.U01.04</b>	<b>Define DMSMS Management and the effects of DMSMS on in-service systems.</b>
LOG 0470.U01.04.01	Define DMSMS Management
LOG 0470.U01.04.02	Describe potential impacts of DMSMS on program sustainment.
LOG 0470.U01.04.03	Recognize key tools and resources in mitigating DMSMS impacts.
<b>LOG 0470.U01.05</b>	<b>Identify the role of technology refreshment in life cycle management.</b>
LOG 0470.U01.05.01	Define key terminology related to technology refreshment.
LOG 0470.U01.05.02	Identify life cycle management (LCM) applications of technology refreshment.
LOG 0470.U01.05.03	Identify the key players involved in accomplishing technology refreshment.
LOG 0470.U01.05.04	Identify some considerations important to a technology refreshment effort
<b>LOG 0470.U01.06</b>	<b>Identify the effects of Product Improvement concepts used on in-service systems</b>
LOG 0470.U01.06.01	Identify Product Improvement Planning.
LOG 0470.U01.06.02	Identify Continuous Modernization and Improvement.
LOG 0470.U01.06.03	E03 Identify Recapitalization.