

CM2-05

The Complexities of Lifecycle Sustainment

- 2 DAYS -



The ability to accurately establish and maintain the Digital Thread and Digital Twin throughout the lifecycle of a product or service is only possible through the successful implementation of an Enterprise Configuration Management process. Proper requirements management throughout the lifecycle reduces the costs associated with corrective actions, warranty claims, and recalls.

In addition to the workflows and roles introduced in CM2-01 through CM2-04, this course focuses on managing the Digital Thread during the operational and maintenance phases. It also addresses the traceability of the Digital Twin and the execution of change management during those phases.

Participants will learn how to identify the variations and challenges that can emerge at each stage of the lifecycle and how to manage the Digital Thread within the organization's critical operational areas.

Participants who successfully complete the final exam will receive a certificate approved by IpX (Institute for Process Excellence).

Course Outline

- Lifecycle Control and Datasets
- Integrated Logistics Support (ILS)
- Product Substitutions, Issues, and Resolutions
- Supply Chain Management for ILS
- The Complexity of Logistics Management
- Product Marking and Labeling Methods
- Approved ILS Asset Configurations
- ILS Updates and Modifications
- Refurbishment and Certification
- Proposed Changes and Lifecycle Cost Impact
- Planning for Change Implementation
- Change Planning for ILS
- Improvement of the Change Process
- Executing Changes for ILS
- Reconfiguring Existing Facility Design
- Disposal and Environmental Management