

Course XV (Rev B)

CMII Bootcamp for Management

Abstract

CMII students are elated when a top-level executive joins them in the courses required for certification, but that does not occur frequently. Time is the obstacle. This course allows upper management to gain a comprehensive understanding of CMII in only 3 days, instead of 12.

This course describes why the ability to accommodate change and keep requirements clear, concise and valid is essential. Yet, this is where organizations struggle and why most operate in a corrective action mode and spend significant resources on intervention. Although various process improvement teams take their turns, the root causes are rarely correctly identified and eliminated.

This course describes what it means to operate in the corrective mode and it separates the root causes from the symptoms that misled the various improvement teams. The root causes are shown to stem from deficiencies in the CM process, in how information is managed and how work is performed.

This course describes how to build a robust business process infrastructure which uses the key elements of CM as its framework. It also describes how to use creator/user teams to manage work flows and achieve both consistent conformance and continuous improvement.

Outline

CMII ORIENTATION

- A.* An Organization Runs on Requirements
- B.* Structuring of Requirements
- C.* Corrective Action, Causes and Solutions
- D.* Design Basis for the CMII Model

PRODUCT DEVELOPMENT

- E.* Physical Item Hierarchy and Linkages
- F.* Flow-Down of Requirements
- G.* Four-Tier, Nine-Step Development Process
- H.* Design Basis and Detailed Design

INTEGRATED LIFE CYCLE PHASES

- I.* Multi-National Development and Changes
- J.* Production in Build-to-Order Environment
- K.* CMII in Supply Chain Management
- L.* Operation and Maintenance

ONE COMMON CHANGE PROCESS

- M.* Closed-Loop Change Process
- N.* Change Analysis & Business Decisions
- O.* ECR Grouping and ECN Implementation
- P.* Standardized ECN Tasks & Tracking System

CMII APPROACH TO PROCESS IMPROVEMENT

- Q.* CMII Applied to the Business Enterprise
- R.* How CMII Can Improve the Bottom-Line
- S.* About the Path to Process Excellence
- T.* Process Improvement Team & Critical Path

HARNESS POWER OF CREATOR/USER TEAMS

- U.* Work Center Inputs, Outputs & Controls
- V.* Creator/User Teams and Work Flows
- W.* Laboratory for Creator/User Training
- X.* Stage II: Upgrade Existing Software Tools