

Course VIII (Rev A)

CMII Process Automation

Abstract

This course provides a replay of the key features of the CMII process and the associated work flows, but from an automation point-of-view.

It is often said that the best way to learn how a process really works is to try to automate it. This course will prove that to be true.

This course is segregated into five sections instead of the usual four. It is noted that the title of each section includes the word "baseline."

Baselines are the cornerstone to the CMII model. This course goes into greater depth on the various baselines, their formats and content.

It describes how each type of baseline is updated (including automation of inputs) and how its content is applied (automation of outputs).

A highlight of this course is the more indepth reviews of the enterprise baseline and how its content is organized, updated and applied.

Another highlight is the supplemental course materials which include screenshots from various CMII-compliant software tools.

The workshops provide students an opportunity to review the screen shots and see how specific work flows have been achieved.

Students completing this course will have a much better understanding of how to use automation to make their processes more efficient.

Outline

AP/AR BASELINES AS THE CORNERSTONE

- A. Baseline Inputs/Outputs As Workflows
- B. Baseline Types, Formats and Content
- C. BOM Structuring for Product Baselines

PRODUCT BASELINE MAINTENANCE/INPUTS

- D. Problem Report and ECR Work Flows
- E. ECNs and ECR Implementation Planning
- F. ECN Implementation & Baseline Updates

PRODUCT BASELINE APPLICATIONS/OUTPUTS

- G. Product Baselines for Building-to-Order
- H. Supply Chain, ERP, Changes & Time Fences
- I. Baselines and As-Built Records for O&M

ENTERPRISE, FACILITY AND IS BASELINES

- J. Enterprise Baseline Inputs/Updates
- K. Enterprise Baseline Applications
- L. Facility and Information System Baselines

BASELINE VALIDATION & PROCESS AUTOMATION

- M. Design Reviews and Configuration Audits
- N. Enterprise Architecture for Automation
- O. Course Review and Summary