

Course IX (Rev G)

Update and Refresher for CMII Grads

Abstract

The CMII crusade — to change faster and document better — began over 20 years ago. The focus was to eliminate quality, schedule and cost problems that prevailed in all industries.

The underlying principles have not changed since the 6-course series leading to certification was introduced in 1986. The underlying theme is still the same; continuous improvement in the ability to accommodate change and keep requirements clear, concise and valid.

Until this capability is established, an organization remains unable to transition out of the corrective action mode and into a continuous improvement mode. That was the basis for the CMII crusade.

The CMII principles have continued to evolve over the past 20 years. As of 2008, CMII has been rebranded. It is no longer an acronym for a reengineered CM process. CMII has expanded far beyond CM.

CMII is rebranded as the path to integrated process excellence. This update and refresher course serves to bring our CMII grads up-to-date with the latest enhancements and reenergize their crusade to improve their business processes.

This course is required for CMII grads who wish to retain their CMII Professional status.

Outline

CMII ORIENTATION

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

CMII DEVELOPMENT PROCESS

- E. Development — Nine Step Process
- F. Application Requirements
- G. Design Basis Requirements
- H. Detailed Design and Process Requirements

OTHER PRODUCT LIFE CYCLE PHASES

- I. Production in Build-to-Order Environment
- J. Operation and Maintenance
- K. Decommissioning
- L. Project Planning and Work Packages

CMII CHANGE PROCESS

- M. Fast-Track Changes
- N. Authorize and Control Work With Forms
- O. Traceability of Changes to End-Items
- P. Effectivities, Release and Effective Dates

BUSINESS CASE FOR CMII

- Q. Best Practices per CMII
- R. CMII Model and Operating Standards
- S. Cost of CM and Cost of Sales/Services
- T. Potential for One Common CM Process

TRANSITION AND APPLICATION

- U. CMII Implementation Plans and Approaches
- V. Select Team, Define Destination and Goals
- W. Enabling Software Tools
- X. Application and Performance Metrics