

Course I (Rev G')

The CMII Model

Abstract

This course describes the CMII approach to configuration management and how to overcome the deficiencies of traditional CM practices. It describes why the CMII model has been adopted worldwide as the best CM practice.

As-planned and as-released baselines, closely coupled with a closed-loop change process, are the cornerstone to the CMII model. The model provides a business process infrastructure with which any organization can escape the corrective action mode and become a world class performer.

The CMII model enables an organization to accommodate change and keep requirements clear, concise and valid. Without this capability, an organization has no choice but to operate in a corrective action mode.

This course will show that deficiencies in released information stem from deficiencies in the CM process. It will describe the CM process improvements needed to overcome those deficiencies.

Outline

CMII INTRODUCTION

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

STRUCTURING AND MANAGING REQUIREMENTS

- E. Structuring Product Requirements
- F. Structuring Business Requirements
- G. Developing Requirements
- H. Flow-Down of Requirements

VALIDATING AND CHANGING REQUIREMENTS

- I. Document Validation and Release
- J. How to Achieve Data Accuracy of 100%
- K. Change Process and Key Decision Points
- L. Fast-Track Changes

BUSINESS CASE FOR CMII

- M. Proof that CM Is, or Is Not, Working
- N. CMII Relative to Other Initiatives
- O. Potential for One Common CM Process
- P. Course Review and Summary