



## **COURSE CMII-09**

### **Update and Refresher for CMII Grads**

#### **Abstract:**

The basis for CMII and its underlying principles have not changed since the 6-course series leading to certification was introduced in 1986.

The underlying theme is still the same; improvement in the ability to accommodate change and keep requirements clear, concise and valid.

Most refinements are derived from the expanded emphasis on business process infrastructure and restructuring of the CM elements therein.

As of 2011, there are over 7,500 CMII grads. Most were highly motivated to implement CMII at the time they received their certification. Prior to 2000, CMII grads were faced with two major challenges - weak management support and inadequate software tools.

Significant progress has been made in both areas since 2000. CMII implementations have been increasingly successful accordingly.

Presentations at annual CMII conferences in recent years have become almost exclusively success stories. Improvements to the CMII model and improved implementation techniques have also been significant.

This update and refresher course serves to bring our CMII grads up to date and reenergize their crusade to improve their CM process.

#### **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 - 9 Step Process
- F. Application Requirements
- G. Design Basis Requirements

##### **CMII DEVELOPMENT PROCESS**

- E. Development - 9 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

#### **PATH TO INTEGRATED PROCESS EXCELLENCE**

- Q. About the Path to Process Excellence
- R. CMII Utilization by Government Agencies
- S. Root Cause Analysis & Operating Standards
- T. CMII Implementation Plans and Approaches

#### **PROCESS WORKFLOWS AND AUTOMATION**

- U. Workcenter Inputs, Outputs and Controls
- V. Creator/User Teams and Workflows
- W. Upgrade Existing Software Tools
- X. System Interfaces, Owners and Leadership