

61 & 649 CM Framework

Days: 2 CM61-649 Code: CM61-649

This two-day course is for CM Professionals.

MIL-HDBK-61 provides a best practice for implementing a CM Program. EIA-649 is a good standard based on 40 CM principles. Together, these provide an excellent framework for CM. Implementation and compliance can be a daunting task. No worries, this is where our course is different from others you may have seen. We go beyond teaching the content of 61 & 649. During this course you will learn strategic and detailed CM planning for implementing a 61 & 649 compliant CM program. This course also simplifies the daunting tailoring of Annex - A and provides guidance on tailoring 61 & 649 to any environment, including expanding the five CM functions to include common practice today. Both the acquirer and supplier roles are addresses, as well as defense, non-defense, R&D, lab, software, and IT implementation of 649.

YOU WILL LEARN

- ✓ Structure & content of 61 & 649
- ✓ The CM Principles and processes
- ✓ CM assessment & strategic planning
- ✓ CM requirements mapping and the CMP
- ✓ The structure & content of 649-1
- ✓ How to apply 649-1 to your environment
- ✓ How to complete the Tailoring Worksheet
- ✓ 61 & 649-1 compliant implementation

Level IV C61-649P Certification

CMTaskware and CM Zip – Go to: www.cmtf.com

Our new and exclusive CM tool, CM Zip, will be available for demonstration to students...it supports our lectures, helps you study for certification exams, and guides you through every-day CM Implementation decisions. Be sure to ask your presenter for details.

REGISTRATION

TO REGISTER:

On Line: www.crownsolutions.com.au or

Email this completed form to:

info@crownsolutions.com.au

Name: _____

Company: _____

Phone: _____

Mobile: _____

Address: _____

Email: _____

AUSTRALIAN DATES and FEES:

Virtual Session

These virtual classes will be held at times suitable for Australian Audiences and will most likely be conducted utilizing the Microsoft Teams application

The classes run for five hours each day, the Certification exams are given at the end of the each applicable class – the test takes about an hour.

☐ CM61-649: 25 – 26 October 2025

FEES – in AUD - (Including GST):

☐ **CM61-649: \$1,820**



CROWN
Management Solutions

**Crown Management
Solutions Pty Ltd**

in association with the

**Configuration Management
Training Foundation**

Presents:

**61 & 649 CM Framework
(MIL-HDBK-61 & EIA-649)
&**

**Level IV C61-649P
Certification**

(2 days – CM61-649)

Australian Dates:

Virtual Session 25 - 26 October 2025

Presented by the Internationally
Acclaimed Speaker

MR. JOHN M. ROBERTS

61 & 649 CM Framework

THE PROGRAM

We go beyond teaching the content of 649 C. During this course you will learn strategic and detailed CM planning for implementing a 649 C compliant CM program. This course also simplifies the daunting tailoring of Annex - A and provides guidance on tailoring 649 to any environment. Both the acquirer and supplier roles are addresses, as well as non-defense, R&D, lab, software, and IT implementation of 649.

TEAM WORKSHOPS

- **Workshop I** – The CM Assessment
- **Workshop II** – Level IV Exam Review

YOUR INSTRUCTOR

Mr. Roberts is recognized by the Commonwealth with their highest accreditation, “Pre-Eminent Advisor (Level 5), for Data and Configuration Management, and Technical – Configuration Management. This course material is the culmination of over 40 years of real-world hands-on CM experience, which includes the Lockheed Skunk Works, a legendary organization that helped define Lean and Agile before those terms were widely used. Mr. Roberts has taught over 1,000 CM courses in over 20 counties.

WHO SHOULD ATTEND

These seminars are designed for the experienced and new CM professional. Attendees also include management and technical personnel working in other fields seeking to apply the benefits of a sound CM process. Especially interested would be those seeking CM certification and those looking for what is new in Configuration Management.

WHAT MAKES THIS CLASS DIFFERENT?

** Attendees will develop a CM Strategic Planning Map into a 61 & 649-1 compliant Configuration Management Requirements Document, CM Implementation Plan and CMP, specifically tailored to their environment.

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1. INTRODUCTION TO 61 & 649

- Contents, foreword, structure
- Scope & phases of a product life cycle
- Terminology and aliases
- Principle CM-1
- CM Functions and Principles

2. ENHANCED ANALYSIS & FRAMEWORK

- Shall vs. should, mandatory & guideline
- Requirements discovery in 649-C
- Building the compliance matrix
- Additional CM requirements
- Objectives and output

3. CM PLANNING and MANAGEMENT

- Principles CMP-1 thru CMP-9
- Context, environment & planning documentation
- Resources and responsibility
- Procedures, training, compliance & supplier CM
- Product configuration information process

4. CONFIGURATION IDENTIFICATION

- Principles CI-1 thru CI-14
- Product configuration identification
- Enterprise and product identifiers
- Product structure & configuration items
- Configuration baselines & interface management

5. CONFIGURATION CHANGE MANAGEMENT

- Principles CCM-1 thru CCM-9
- Manage, identify, classify & document changes
- Manage requests for variance
- Implementation of approved changes

6. CONFIG STATUS ACCOUNTING

- Principles CSA-1 thru CSA-3
- CSA info capture & reporting
- CSA Tasks
- Product life cycle and CSA
- CSA performance measurements

7. CONFIGURATION VERIFICATION & AUDITS

- Principles CVA-1 thru CVA-4
- Verifying product configuration
- Verifying change incorporation
- Configuration audits

8. STRATEGIC & DETAILED PLANNING

- Requirements structuring
- Impact of Agile, DevOps, Lean
- Assessment of your current CM
- CM process and data modeling
- Implementation planning tools & templates

9. SCOPE OF 649-1

- Content, structure, and introduction
- Responsibility of Acquirer
- Responsibility of Supplier
- Tailoring requirements

10. APPLICABILITY OF 649-1

- CM requirement for defense contracts
- Acquirer tailoring and supplier tasks
- Assessment of your current CM

11. REQUIREMENTS TAILORING & ANNEX - A PROJECT

- Defense and government tailoring and contracting
- Additional industry initiative CM requirements
- Software, IT, lab, industry specific tailoring
- Tailoring for non-defense enterprises
- Requirements compliance matrix

12. PROJECT REVIEW & EXAM

- Class project presentations
- Group evaluation and project discussion
- Summary and review
- Exam
- C61-649P Certification

61 & 649