

TECHNICAL DATA MANAGEMENT

Days: 2 Technical DM Code: TDM

This two-day course is for DM Professionals. More than a refresher course, it builds on the fundamentals and prepares students for the CTDMP certification exam, available at the end of each course.

Performing DM today entails understanding digital data and new technology. For this reason we have created a new TDM course and certification which we think you will find very useful. If you are already certified and want to obtain the next level of certification, then this is the course for you.

YOU WILL LEARN

- √ To Manage Data Workflow
- √ The New DM Framework
- √ How to write the DM Plan
- √ The impact of new technologies on DM
- √ How to implement DM
- √ Electronic review of CDRLs
- √ TDM tools and the future of TDM
- √ CTDMP Certification preparation

Challenge yourself; go for the top DM credential:

CTDMP - Certified Technical Data Management Professional.

- Technical Data Management course completion
- No other prerequisites
- One hour allotted to exam
- Acronym list and six pages of notes allowed

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.

TDM: 24 – 25 October 2024

FEES – in AUD - (Including GST):

TDM: \$1,820



CROWN
Management Solutions

**Crown Management
Solutions Pty Ltd**

in association with the

**Configuration Management
Training Foundation**

Presents:

**Technical Data Management
&
Level V CTDMP
Certification**

(2 days - TDM)

Australian Dates:

Virtual Session 24 – 25 October 2024

Presented by the Internationally
Acclaimed Speaker

MR. JOHN M. ROBERTS

TECHNICAL DATA MANAGEMENT

THE PROGRAM

The Technical Data Management process has been around for a long time. The Statement of Work (S.O.W.) is the tasking part of a contract. But if you want something delivered, especially when dealing with government acquisition, another part of the contract is used, the Contract Data Requirements List (CDRL). The major function of DM is scheduling the creation, release, submittal, review, and archiving of CDRL deliverables. This course goes beyond traditional Data Management, and also covers Data Stewart and Custodian requirements.

TEAM WORKSHOPS

- **Workshop I** – DM Assessment
- **Workshop II** – Level V Exam Review

YOUR INSTRUCTOR

A much sought-after speaker, Mr. John M. Roberts has helped thousands of professionals in Europe, Australia and the U.S. meet today's needs and prepare for the new role of CM in tomorrow's high tech global market. Mr. Roberts has over 40 years of experience on multi-national, commercial, and Government programs including the F-22 Fighter at Lockheed, Towed Arrays at Allied Signal, Satellites, Software Development, and the B-2 Bomber at Northrop.

Mr. Roberts is the primary architect of the CM Certification Program and currently is serving as President of the Configuration Management Training Foundation and International Society of Configuration Management. When CM consultants, instructors, as well as the novice seek understanding of the CM process, they choose a presentation by Mr. Roberts.

WHO SHOULD ATTEND

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

Days: 2 *Understanding the DM Process* Code: TDM

1. NEW TECHNICAL DM REQUIREMENTS

- DM Standards and Changes
- The Nine Principles of DM
- Data Types and Views
- Traditional Functions of DM
- GEIA Standard 859, Higher-Level DM

2. THE DM FRAMEWORK

- Defining the Scope of DM
- Aligning DM Strategy and Processes
- Implementation and Needed Skills
- Product Data & Life Cycle Management
- DM Process Enablers

3. TAILORING DM FOR DoD

- The Role of the Data Manager
- Planning & The Data Call
- Contracts, SOOs, SOWs, CDRL, DID
- Managing and Protecting Rights in Data
- The Data Work Flow

4. THE DIGITAL ENVIRONMENT

- The move to soft masters and copy
- Digital data, standards and formats
- Industry 4.0, Internet of Things
- VR, Additive Manufacturing, DevOps
- Creating a CITIS and dashboards

5. DM AUTOMATION & TOOLS

- Automation and tools
- DM Tool Selection and Key Features
- CDRL & SDRL Preparation
- Data Review automation
- Data Discovery tools
- Data Tracking and Delivery Schedule

6. DM INTEGRATION & CM

- The CM Data Product Structure
- A Change Control Process
- Data integrity, review and approval
- Status Accounting and Metrics
- Special provisions & validation mechanism

7. DM PROCESS IMPLEMENTATION

- Defining a Requirements Map
- Monitoring Data Quality
- Data Indexing, Access, Distribution
- Integrating with Knowledge Management
- Real process improvement

8. THE DM TOOLBOX

- The DM Implementation Plan
- Data Forms (CDRL, DID, SDRL)
- Electronic review processes
- Data Distribution and Review
- Tailoring and Pricing Tech Data

9. PREPARING THE DM PLAN

- DM Plan Prep Methodology
- Contents of the DMP
- The Data Steward and Custodian
- ITAR requirements
- Process Improvement

10. THE FUTURE OF DM

- Strategic Inflection Points for DM
- Web 4.0, Identity 2.0, Assurance
- Information Access in the Future
- Transforming Govt. & Military
- M2M communication and massive data trail
- Push notifications across everything

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