

IMS Transaction Manager Application Programming

Duration: 2 Days **Course Code: CM18G** **Delivery Method: Virtual Learning**

Overview:

Learn how to write application programs that use Data Language One (DL/I) to process terminal input and output messages in an Information Management System / Data Communications (IMS/DC) system.

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Target Audience:

This intermediate course is for individuals responsible for writing programs in Common Business Oriented Language (COBOL), or Programming Language One (PL/I) using DL/I to communicate with terminals in an IMS/DC system.

Objectives:

- Modify an IMS batch DL/I application program to function in an IMS/DC environment: receiving a message from a terminal and sending output messages to terminals
- Handle the exception conditions that may occur using DL/I functions
- Work with Scratch Pad Areas (SPA) in an IMS-conversational program
- Understand the application program considerations in using Message Format Services (MFS) and the system service functions data structures

Prerequisites:

You should:

- complete:
 - IMS Fundamentals (CM010) or IMS Fundamentals -Web (CMW01)
 - IMS DB Application Programming (U3717)
- or be able to:
 - Describe the basic control and flow of IMS/DC communications facilities
 - Understand the DL/I components and calls of a database application program
 - Modify a program in COBOL or PL/I to add IMS/DC functions

Content:

- IMS TM System Overview
- Message Processing Programming
- Get/Send Terminal Data
- Message Format Services (MFS)
- Create and use MFS control blocks
- IMS/TM Additional Facilities

Further Information:

For More information, or to book your course, please call us on 030 - 60 89 444

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