

## IMS Transaction Manager Application Programming

**Duration: 2 Days    Course Code: CM18G**

### 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.

### 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
- Work with Scratch Pad Areas (SPA) in an IMS-conversational program
- Handle the exception conditions that may occur using DL/I functions
- 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         | ■ Get/Send Terminal Data        | ■ Create and use MFS control blocks |
| ■ Message Processing Programming | ■ Message Format Services (MFS) | ■ IMS/TM Additional Facilities      |

### Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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