
IMS Database Application Programming

Duration: 3 Days **Course Code: CM17G** **Delivery Method: Company Event**

Overview:

Learn how to write application programs that use Data Language One (DL/I) to process Information Management System (IMS) databases.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

This is an intermediate course for individuals who write programs in Common Business Oriented Language (COBOL), or Programming Language One (PL/I), or Assembler language using DL/I to navigate through an process IMS databases.

Objectives:

- Describe the basic differences between files and IMS databases as they relate to application program coding and logic
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 - Describe the terms and processing characteristics of IMS hierarchic data structures
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 - Construct DL/I calls for either COBOL or PL/I language programs
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 - Write, test and debug a batch application program that uses the DL/I call functions
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 - Use the IMS Test Program to prototype application program calls, and to perform ad-hoc read and update access to an IMS database
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 - Describe the applications and uses of other DL/I features
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 - Program for recovery and restart using DL/I calls to establish synchronization points
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 - Describe the functions provided by High Availability Large Database (HALDB), and any program differences when accessing a Full Function database or a HALDB
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Prerequisites:

You should complete:

- IMS Fundamentals (CM010) or IMS Fundamentals - Web - ILO(CMW01) and a COBOL or PL/I language course, or be able to:
 - List the basic components of the IMS database system
 - Construct a non-DL/I application program in COBOL or PL/I
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- Programming Standards
- High Availability Large Database (HALDB) Access

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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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