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## IMS System Programming - Database and Transaction Management

**Duration: 3 Days**    **Course Code: CM111G**

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### Overview:

This course of 3 sessions, 8 hours each day, is designed to present a description of the activities required to install, tailor, maintain, and support an IMS DB/TM system. This course describes aspects of the IMS architecture and internal structure that support database and transaction management.

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### Target Audience:

This is an intermediate-level course for system programmers and technical support individuals, who need to understand installation, customization, administration, and maintenance on an IMS DB/TM system.

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### Objectives:

- Describe a detailed description of the activities required to install, tailor, maintain and support an IMS DB/TM system
  - Understand the aspects of the IMS architecture and internal structure that support Database and Transaction Management
  - Understand the IMS DB/TM architecture
  - Design, install, and customize an IMS DB/TM system
  - Perform system administration for an IMS DB/TM system
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### Prerequisites:

You should have completed:

- IMS Fundamentals (CM010) **or** IMS Fundamentals - Web (CMW01)  
**or** have equivalent knowledge
  - You should also have some system programming experience with IMS systems
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### Content:

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| ■ IMS Packaging and Overview           | ■ IMS Locking, IMS Logger and Syncpoint Processing                             | ■ More Functions that Improve IMS Availability |
| ■ IMS Installation and IVP             | ■ Connecting IMS to CICS and DB2   | ■ Prepare the IVP System and IMS for Education |
| ■ Transaction Flow: Input Messages     | ■ The IMS Gen and Online Change  | ■ IMS DB/DC System SYS3 Execution              |
| ■ Transaction Scheduling and Execution | ■ IMS Data Sharing, the Common Services Layer, and Dynamic Resource Definition |  |
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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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