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## IMS Physical Organization of Databases Workshop

**Duration: 4 Days**    **Course Code: CM22G**    **Delivery Method: Virtual Learning**

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### Overview:

Learn how to design, implement, reorganize, and recover Information Management System (IMS) databases. Practice these skills in intensive machine labs.

#### Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

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### Target Audience:

This is a basic level course for database administrators, system programmers, and other data administration individuals, who design, implement, and maintain IMS databases.

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### Objectives:

- Code the Database Directories (DBD) and Program Specification Blocks (PSB) for physical databases
  - Code the DBDs and PSBs to implement secondary indexing
  - Use the appropriate IMS utilities to reorganize and recover physical databases, including those with secondary indexes
  - Use the DL/I test program
  - Prepare a job stream to load a database using different IMS access methods
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### Prerequisites:

You should have:

- basic understanding of IMS database features and organization along with a working knowledge of z/OS tools, Virtual Storage Access Method (VSAM) services utilities, and Job Control Language (JCL)
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### Content:

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|------------------------------|---------------------------|----------------------------------|
| ■ Introduction to DL/I       | ■ HD Access Methods       | ■ Secondary Indexing             |
| ■ IMS Access Methods         | ■ HIDAM                   | ■ Database Recovery              |
| ■ HISAM                      | ■ HDAM                    | ■ Database Design Considerations |
| ■ DBD/PSB/Data Sets/JCL      | ■ Database Reorganization | ■ IMS Space Utilization          |
| ■ IMS Test Utility: DFSDDLTO | ■ IMS Data Sets Summary   |                                  |
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## Further Information:

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

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[www.globalknowledge.com/nl-nl/](http://www.globalknowledge.com/nl-nl/)

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