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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

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IMS Physical Organization of Databases

CODE:	LENGTH:	PRICE:
CMW22G	32 Hours (4 days)	£2,600.00

Description

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

This course uses a Web conference medium with live instructor audio and Internet Web conferenced material. You have chat-type Question and Answer (Q and A) ability, plus live audio. The course is taught 10:00 a.m. to 12:00 noon and 1:00 p.m. to 3:00 p.m. Central time for eight work days over a two-week period. Since the course is taught live using Web conferencing methods, you can attend from your home or work. Class durations are approximately one-half day so you can still accommodate daily work responsibilities. You will be contacted prior to class start to receive connection information, hardcopy student materials, and other relevant information.

Course Materials

You will be contacted prior to class start to receive connection information, hardcopy student materials, and other relevant information.

Objectives

You will learn to:

- 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

Audience

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

Prerequisites

You should have basic understanding of IMS product features **and** organization along with working knowledge of z/OS tools, Virtual Storage Access Method (VSAM) services utilities, **and** Job Control Language (JCL).

Programme

- Introduction to DL/I
- IMS Access Methods
- HISAM
- DBD/PSB/Data Sets/JCL
- IMS Test Utility: DFSDDLT0
- HD Access Methods
- HIDAM
- HDAM
- Database Reorganization
- IMS Data Sets Summary
- Secondary Indexing
- Database Recovery

- Database Design Considerations
- IMS Space Utilization

Session Dates

On request. Please <u>Contact Us</u>

Additional Information

This training is also available as onsite training. Please contact us to find out more.