

Course Code: CM46G

Course Title: IMS High Availability Large Database (HALDB)

## Description:

Learn about the Information Management System (IMS) High Availability Large Database (HALDB). Examine how databases may be migrated to HALDB and the advantages of using HALDB.

## Objectives:

- Define HALDB databases and their partitions
- Understand database administrator responsibilities in managing HALDB
- Develop procedures for the support and recovery of HALDB
- Migrate databases to the use of HALDB
- Understand application design for HALDB

## Prerequisites:

You should complete:

- *ysical Organization of Databases (CM220) or*
- *ysical Organization of Databases - Web (CMW22)*
- or have equivalent work experience.

You should have:

- working knowledge of IMS full function databases
- database administrator responsibilities for their support.

## Duration:

8 Hrs

## Topics:

- Overview
- Database Structures
- Definition
- Partition Selection
- DBRC Support
- Database Commands
- Utilities
- Database Creation and Migration
- Changing Databases
- Secondary Indexes
- Application and Miscellaneous Considerations
- HALDB Online Reorganization
- Summary

**Audience:**

This is an intermediate course for IMS database administrators, who implement and manage HALDB.