

# IMS Remote Internship: IMS Systems Programming: DBCTL

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The IMS Systems Programming: DBCTL class has been updated and will be presented using the Internet for visuals and with an available phone number for the audio. This Remote Internship will be presented by a live instructor. There will be 6 days of instruction (April 20 – 23 continuing on April 26 – 27). On each day there will be 4 hours of instruction spread over 5 hours. Class will start each day at 11:00 AM CDT (16:00 UTC) and end approximately 5 hours later.

These sessions are open to IMS Customers world-wide. All IMS Remote Internships are primarily for IBM Customers. While IBM employees may register, they should understand that Customers are given preference and IBMer registration may not be honored.

Please register for participation at:

<https://www.ibm.com/it-infrastructure/us-en/resources/campaignmail/z/ims/eventsignup.html>,

Registered students will receive class material and instructions for attending the week before class starts.

Additional information about the IMS Systems Programming: DBCTL class is as follows:

## Purpose:

- This course of 6 sessions, 4 hours each day is designed to teach students about the Database Control (DBCTL) facility of Information Management System (IMS) that provides CICS access to an IMS database subsystem. DBCTL provides access for CICS transactions to IMS managed databases. Learn the activities required to install, tailor, maintain and support an IMS DBCTL system. Additionally, learn about aspects of the IMS architecture that apply to database management and attaching to CICS systems and transactions.

## Audience:

- This course is an intermediate course for IMS system programming and technical support individuals, who need to understand installation, customization, administration, and maintenance on a DBCTL system.

## Prerequisites:

- *IMS Fundamentals* (CM010) or have equivalent knowledge.
- You should also have some system programming experience with IMS and CICS systems.

## Agenda

### *Day 1*

- Welcome: Administration
- Unit 1: Introduction
- Unit 2: IMS DBCTL Installation and the IVP
- Unit 3: IMS DBCTL System Definition

### *Day 2*

- Unit 4: Preparing the Operating System
- Unit 5: IMS Locking, IMS Logger, DBCRC Overview and Syncpoint Processing
- Unit 6: Building the IMS DBCTL System (Part 1)

### *Day 3*

- Unit 6: Building the IMS DBCTL System (Part 2)
- Unit 7: Online Change and DRD

### *Day 4*

- Unit 8: DBCTL Image Copy Utilities
- Unit 9: IMS DBCTL Operations
- Unit 10: Application Scheduling flow in a DBCTL Environment Unit

### *Day 5*

- Unit 11: The ODBA Feature
- Unit 12: ODBM

### *Day 6*

- Unit 13: Recovery Restart in a DBCTL Environment