IMS Remote Internship: IMS Systems Programming – IMS DB/TM

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The IMS Systems Programming: IMS DB/TM class 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 5 days of instruction (June 27 – July 1). On each day of class, there will be about 4.5 hours of instruction. Class each day will start at 7:00 AM PDT (14:00 UTC) and end about 5 hours later.

These sessions are open to IMS Customers world-wide, and participation is 100% free of cost. 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.

After registering for participation at:

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

students who register will receive additional emails the week before class starts that contain class material and instructions for participating.

Additional information about the IMS Systems Programming: IMS DB/TM class is as follows:

Purpose:
• This course 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..

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.

Prerequisites:
• Before taking this class, you should have completed:

IMS Fundamentals course
         or
have equivalent knowledge

– You should also have some system programming experience with IMS systems.

Agenda

Day 1

- Welcome: Administration
- IMS Systems Programming Overview
- IMS Installation and the IVP
- IMS Processing Overview

Day 2

- IMS Transaction Scheduling and Execution
- IMS Locking, IMS Logger, DBRC, Syncpoint Processing, IMS Message Queuing Detail, z/OS considerations, and BMP flows

Day 3

- Connecting IMS to CICS and Db2
- The IMS System Generation Process

Day 4

- IMS Data Sharing, IMS Shared Queues, the Common Services Layer, and SPOC
- IMS Online Change, DRD, and the IMS Catalog

Day 5

- More Functions that Improve IMS Availability
- Prepare the IMS System for Execution
- IMS DB/TM System Execution