IMS Remote Internship: IMS Transaction Manager Application Programming

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The IMS Transaction Manager Application Programming class will be presented using the Internet for visuals and with a phone number for the audio. This Remote Internship will be presented by a live instructor. There will be 2.5 days of instruction (November 7 - 9). On each day there will be 4 hours of instruction spread over 5 hours. Class each day will start at 9:00 AM CST (15:00 UTC) and end approximately 5 hours later.

This class, and its lab exercises, has recently been revised and updated to the IMS 15.2 level.

Unlike classroom instances of IMS Transaction Manager Application Programming, this Remote Internship version will not include "hands-on lab" exercises; instead, the instructor will show the steps performed, and machine output that a student would see, if running the lab exercises themselves

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.

After registering for participation at:
https://www.ibm.com/it-infrastructure/us-en/resources/campaignmail/z/ims/eventsignup.html ,

you will receive class material, and further instruction on attending, the week before class starts.

Additional information about the IMS Transaction Manager Application Programming class is as follows:

Purpose:
This course of 2.5 sessions, 4 hours each day, is designed to present the skills needed to write application programs that use DL/I to issue IMS Transaction Manager requests.

Audience:
Application Developers responsible for writing or maintaining programs in COBOL or PL/1 language that interface with the IMS Transaction Manager.

Prerequisites:
Before taking this course, you should be able to:
1. Describe the basic functions and components of the IMS Transaction Management system (IMS DB/DC or IMS DCCTL). These skills can be developed by completing the "IMS Fundamentals" course (CM01), or by on-the-job experience.
2. Write non-DL/I application programs in COBOL or PL/1 language; this class assumes participants are already familiar with programming in one of these languages.
3. It is helpful, but not mandatory, for those taking this class to be familiar with IMS DB DL/I calls.

Agenda

Day 1

• Welcome

• Unit 1: IMS TM System Overview

• Unit 2: Message Processing Programming
  – Exercise 1 Discussion and Review : Get/Send Terminal Data

Day 2

  – Exercise 1 Discussion and Review: Get/Send Terminal Data

• Unit 3: Message Format Services
  – Exercise 2 Discussion and Review: Create and use MFS control blocks

Day 3

• Unit 4: IMS/TM Additional Facilities