IMS Remote Internship: IMS Fundamentals

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Due to popular demand, the IMS Fundamentals class will be presented twice more in early 2021 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 approximately 30 hours of instruction.

There will be 2 sets of sessions for this class:

– Monday January 11 – Friday January 15 continuing on Monday January 18 – Friday January 22. On each day there will be 3 hours of instruction. Sessions will be held 13:00 Australian Eastern Summer Time (AEST) - 16:00 AEST. For those not in Australia those times correspond to 02:00 UTC to 05:00 UTC.

– Tuesday January 26 – Friday January 29 continuing on Monday February 1 – Wednesday February 3. On each day there will be 4 hours of instruction spread over 5 hours. Class each day will start at 10:00 AM CST (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.

After registering for participation at:

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

students will receive class material and instruction for attending about a week before the start of class.

Additional information about the IMS Fundamentals class is as follows:

Purpose:
• This course has approximately of 28 hours of instruction and is designed to present an introduction to the basic facilities of IMS, how these facilities work together, and how application programs interact with them. The course presents the IMS Database System, the IMS Transaction Manager, and their use in today's modern Enterprise Systems.

Audience:
• This is a basic course for users who want a basic understanding of the IMS database and IMS/TM products including Information Technology professionals who work with or manage IMS system Database (DB), Database/Data Communications (DB/DC), or Database Control (DBCTL) Systems.

Prerequisites:
• You should have a basic understanding of database management **or** transaction management along with working knowledge of z/OS concepts **and** tools **and** Job Control Language (JCL). These skills can be obtained from on-the-job experience.

Approximate Agenda

Day 1

- Welcome: Administration
- Unit 1: IMS Database Fundamentals
- Unit 2: Accessing IMS Databases – DL/I calls – Part 1

Day 2

- Unit 2: Accessing IMS Databases – DL/I calls – Part 2
- Unit 3: IMS Hierarchic Access Methods
- Unit 4: Additional IMS Database Functions

Day 3

- Unit 5: IMS Online System Functions and the IMS/TM Transaction Manager

Day 4

- Unit 6: IMS Transaction Message Processing
- Unit 7: IMS Fast Path – Part 1

Day 5

- Unit 7: IMS Fast Path – Part 2
- Unit 8: Connecting IMS to Other Subsystems

Day 6

- Unit 9: Enhancing IMS Availability – Part 1

Day 7

- Unit 9: Enhancing IMS Availability – Part 2
- Unit 10: Transformation of IMS Assets