

IMS Remote Internship: IMS Fundamentals

IMS Remote Internship contact is Ernie Marek (emarek@us.ibm.com)

After a gap in 2023, IMS Remote Internships are returning in 2024. Due to popular demand, the first of these will be the IMS Fundamentals class which will be presented twice – the first starting in late May and then it will be repeated in June 2024. Both instances of this class use the Internet for visuals and audio with a phone number also being available for the audio. These Remote Internships will be presented by a live instructor. For each of these instances of the IMS Fundamentals class, there will be approximately 30 hours of instruction spread over 7 business days.

There will be 2 instances for this class to better accommodate students' local time zones:

- Tuesday May 28 – Friday May 31 continuing on Monday June 3 – Wednesday June 5. On each day there will be 4 hours of instruction spread over 5 hours. Sessions will be held starting at 8:00 CDT (13:00 UTC) - and end approximately 5 hours later. This set of sessions is most appropriate for students in Europe, Africa, and the Americas.
- Monday June 10 – Thursday June 13 continuing on Monday June 17 – Wednesday June 19. These days/dates are based on UTC dates. On each day there will be 4 hours of instruction spread over 5 hours. Class each day will start at 9:00 PM CDT (02:00 UTC) and end approximately 5 hours later. This set of sessions is most appropriate for students in Oceania and Asia.

These sessions are open to IMS Customers world-wide, and students are welcome to attend either set of sessions. All IMS Remote Internships are primarily for IBM Customers. While IBM employees may register, they should understand that Customers are given preference and IBM 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 30 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 Database (DB) Systems, Database/Data Communications (DB/DC) Systems, 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