

# Mainframe Course Curriculum

## DURATION :- 3MONTHS

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Mainframe Concepts  
Architecture

### MVS (Multiple Virtual Storage)

- Computing Environment
- What is MVS
- Need for MVS
- Batch Programs and online programs
- Paging Concepts
- Program Development Cycle
- TSO / ISPF
- IBM Utilities

### VS COBOL II (Common Business Oriented Language )

- Introduction
- Programming Structure
- Clauses and statements
- Control Structure
- Table Handling
- File Handling
- Character Handling

### JCL (Job Control Language)

- Introduction
- JCL Statements (JOB, EXEC, DD)
- Generation Data Group (GDG's)
- Procedure
- Procedures Overrides
- Advance Parameters

### VSAM (Virtual Storage Access Method)

- Introduction- An Overview
- VSAM File Processing
- VSAM Access Method Services (Basic Function)
- VSAM Access Method Services (Common Function)
- VSAM Access Method Services (Advance Function)
- Accessing VSAM Through COBOL

- VSAM File status Return Code

### CICS (Customer Information Control System)

- Introduction
- Program Control programs and Program Control tables.
- BMS (Basic Mapping Support)
- VSAM File Systems
- CICS Commands
- Transient Data Queue (TDQ)
- Temporary Storage Queue (TSQ)
- Internal Control and Task Control commands

### DB2 ( Database 2)

- Introduction
- Data Retrieval Statements
- Conditional Retrieval Statements
- Sorting Table, Search conditions, Joining Table
- Data Definition Statements
- Bind, Embedded SQL
- Error Codes.

### DB2 ( Database 2)

- Project Experience on Real Time environment