

IBM Mainframe Systems Operator Certificate (Level I / II / III)

OEM: IBM • Duration: 3 Days (24 hrs) • Code: IBM-MAINFRAME-OPS

COURSE MODULES & TOPICS

Mainframe Hardware and Software Overview

- IBM Z architecture overview
- IBM z16/z15 hardware components
- Software components of z/OS
- Role of major mainframe hardware

z/OS System Processing

- How z/OS processes information
- System initialization and IPL
- z/OSMF introduction and basic concepts

JES2 — Job Entry Subsystem

- Role of JES2 in managing devices and batch jobs
- Starting and stopping JES2
- Managing job queues

TSO — Time Sharing Option

- Accessing TSO
- Defining TSO defaults
- User administration via TSO

ISPF — Interactive System Productivity Facility

- Navigating ISPF menus
- Defining ISPF defaults
- Editing and managing datasets in ISPF

SDSF — System Display and Search Facility

- Accessing and configuring SDSF defaults
- Reviewing job output

- Monitoring active jobs and system activity

JCL — Job Control Language

- Running basic batch jobs using JCL
- Understanding JCL syntax (JOB, EXEC, DD statements)
- Interpreting job output and return codes

z/OS Data Management

- Managing and processing z/OS data
- Dataset types and allocation
- DASD storage management