

## **MVS JCL Workshop**

### **Course Summary**

#### **Description**

This course consists of specialized labs and lecture designed to acclimate users to the IBM mainframe Job Control Language using the z/OS operating system. The student is introduced to the MVS JCL language used for production processing.

#### **Topics**

- Identify Job Control Language: format and syntax
- Define the JOB and JOB STEP concepts
- EXEC statement
- DD statements
- Referbacks and concatenation
- PROC and PEND statements
- JCLLIB statement
- INCLUDE and SET statements
- IF, THEN, ELSE and ENDIF statements
- Code JCL and control statements required for proper execution of utility programs

#### **Audience**

This course is designed for personnel who are new to the MVS operating system or are seeking a refresher course in basic terminology, and JCL program execution.

#### **Prerequisites**

The student must have knowledge of TSO/ISPF.

#### **Duration**

Three days

## MVS JCL Workshop

### Course Outline

- 1 JCL Statements and Syntax**
- 2 JOB Statement**
  - A CLASS, MSGCLASS, NOTIFY, REGION, TYPRUN
  - B JOB operands
- 3 EXEC Statement**
  - A PGM, PROC, COND, PARM, REGION
  - B EXEC operands
- 4 IF...THEN, ELSE Statements for Conditional Execution**
- 5 DD Statements (Data Definition)**
  - A In-stream data inputs
  - B SYSOUT (System Printer Output) and refer back
  - C DSN and DISP (Dataset Definition) and refer back
  - D Generation data groups
  - E Temporary datasets
  - F PDS and member
  - G Creating disk datasets
  - H UNIT
  - I SPACE
  - J DCB and refer back
  - K DF/SMS operands
  - L Creating tape datasets
  - M UNIT
  - N VOL
  - O LABEL
  - P Dataset concatenation
  - Q Special DD names
  - R JOBLIB, STEPLIB
  - S SYSABEND, SYSUDUMP, SYSMDUMP
  - T Assigning input or output to a NULLFILE
- 6 PROC and PEND Statements - In-Stream PROC**
- 7 JCLLIB Statement: Defining a User PROCLIB and Executing PROCs**
- 8 INCLUDE and SET Statements: Creating INCLUDE Members with SYMBOLICS**
- 9 IBM Utility SORT Creating JCL for Sorting Sequential Files**