Z/OS JCL AND UTILITIES

Course Code: 9212

IBM Course Code: ES070

This course is designed to teach you how to use z/OS Job Control Language (JCL) and selected z/OS utility programs in an online batch environment. Both Storage Management Subsystem (SMS) and non-SMS JCL are discussed. Machine lab exercises complement the lecture material.

What You'll Learn

- Code basic JCL statements using proper syntax and coding rules, including JCL for:
    - Creating new data sets
    - Referencing existing data sets
    - Condition code testing
    - IF/THEN/ELSE/ENDIF constructs
    - Generation data groups
    - Output routing
    - JCL enhancements introduced by various releases of MVS, OS/390, and z/OS
- Identify storage management subsystem requirements
- Code instream and cataloged procedures
- Use symbolic parameters in procedures
- Code procedure overrides and additions
- Use selected utility programs
- Describe tape processing facilities
- Code sort and merge control statements and associated JCL statements
- Recognize and resolve common ABENDS

Who Needs to Attend

This course is for people who want to use z/OS JCL and utilities.

Prerequisites

- Basic knowledge of IS technologies.

You should be familiar with:

- z/OS concepts and how these systems supports the Enterprise Servers.

This knowledge can be obtained by attending course ES05, An Introduction to the

z/OS Environment (ES05).

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CLASSROOM LIVE	$4,750 USD	5 Day

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VIRTUAL CLASSROOM LIVE	$4,750 USD	5 Day

Virtual Classroom Live Outline

Agenda

Day 1

- Welcome
- Introduction to JCL
- JOB, EXEC, and DD Statements
- DD Statement Parameters, A Second Look
- Lab - Day 1

Day 2

- Lab Review - Day 1
- DD Statement Parameters, A Second Look
- Introduction to Utilities and Conditional Execution
- Data Management, Organization, and Format
- Lab - Day 2

Day 3

- Lab Review - Day 2
- Data Management, Organization, and Format
- Generation Data Groups
- Procedures
- More About Utilities
- Lab - Day 3

Day 4

- Lab Review - Day 3
- More About Utilities
- More on Procedures
- Selected JCL Topics
- Sort/Merge

- Lab - Day 4

Day 5

- Lab Review - Day 4
- Multi Volume and Tape Allocation
- ABENDS
- Optional Lab - Day 5

Jun 16 - 20, 2025 | 9:30 AM - 5:30 PM EST

Aug 25 - 29, 2025 | 9:30 AM - 5:30 PM EST

Oct 27 - 31, 2025 | 9:30 AM - 5:30 PM EST

Dec 8 - 12, 2025 | 9:30 AM - 5:30 PM EST

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PRIVATE GROUP TRAINING	5 Day

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