interskill learning

The trainee computer operator familiarizes themselves with the operation of the computer system, and performs the following tasks under supervision:

- Powering the computer system up and down
- Monitoring the system console for any error messages
- Monitoring the processing of batch jobs
- Responding to tape or cartridge requests

Approximate number of training hours – 133

This Learning Plan represents an industry standard education plan for this job role. Please note that the equivalent job role at your organization may use different software applications or require greater or lesser levels of expertise in any area. Please check our site regularly to see what new or updated courses have been added to this plan!

Course Flow

Introduction to the IBM Enterprise Environment — 4 hrs

- **DevOps Fundamentals** — 3 hrs
- **Cloud Computing for Data Centers** — 5 hrs
- **z/VM Concepts, System Initialization and Shutdown** — 6 hrs
- **Introduction to the IBM Z Mainframes** — 7 hrs
- **z/OS Concepts and Components** — 5 hrs
- **Ensuring Data Center Business Continuity** — 3 hrs
- **Big Data, Hadoop, and Analytics** — 4 hrs
  - **Machine Learning and Spark** — 4 hrs
- **Blockchain Fundamentals** — 4 hrs
- **z/OS UNIX System Services - Basics** — 3 hrs

Cryptography — 1 hr

z/OS Architecture — 4 hrs

z/OS Concepts — 50 mins

Introduction to WebSphere MQ — 4 hrs

- **Initializing and Terminating the z/OS System** — 4 hrs
- **Monitoring the z/OS System** — 5 hrs

z/OS System Operation — 50 mins

- **Introduction to IMS** — 5 hrs
- **Db2 Fundamentals** — 5 hrs
- **CICS TS - Introduction** — 4 hrs
  - **CICS Explorer Fundamentals** — 3 hrs
- **SDSF Concepts and Operation** — 8 hrs
- **JES2 System Initialization and Shutdown** — 5 hrs
  - **JES2 Concepts and Operation** — 60 mins
  - **Using Online System Facilities – TSO/ISPF** — 5 hrs
  - **TSO/ISPF Concepts** — 45 mins
  - **IBM Explorer for z/OS** — 1 hr
- **CA 1® Tape Management – Using Tape Media** — 5 hrs
- **IBM Mainframe Communications Concepts** — 5 hrs
  - **Mainframe TCP/IP Commands** — 5 hrs
  - **VTAM Commands** — 5 hrs
  - **Mainframe Network Communications** — 60 mins

Under IBM Explorer for z/OS:
- **CICS Command Simulations** — 2 hrs
- **JES2 Command Simulations** — 2 hrs
- **z/OS MVS Command Simulations** — 3.5 hrs
- **z/OS System Shyutdown and IPL Simulations** — 30 minutes
- **VTAM Command Simulations** — 2 hrs

Legend

- Interskill e-Learning Courses
- Interskill Skills Assessments
- Indicates that other courses can be substituted for this one

Note: Interskill e-Learning Courses cover all the main topics tested in the Assessments. Prior to completing each Assessment it is recommended that you obtain additional practical experience, or on-the-job training in the areas relevant to the Assessment topic.