

Certificate Level I Details

This certificate validates that the learner has a solid understanding of IBM mainframe hardware and the environment in which it is installed. They can describe how and why operating systems such as z/OS, z/OS UNIX, and z/VM are used, and how data processing is performed in a z/OS system.

This person can run general batch jobs using JCL, including IBM utility programs DFSORT, IDCAMS, and IEBGENER.

Prerequisites

The student should have knowledge of basic z/OS concepts and understand the general operation of the TSO/ISPF and SDSF products.

Job Role

A mainframe System Programmer is responsible for managing the mainframe hardware and software installation, configuration, maintenance, customization, and tuning. On completion of this certificate, the student should be able to:

- Describe the components of a mainframe hardware and software environment
- Explain how z/OS processes workloads
- Identify the characteristics of Data Center disk and tape storage
- Create and run utility batch jobs

Value of Skills

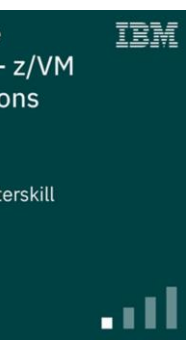
Fundamental skills and knowledge of IBM's Mainframe hardware and software are provided through this certificate, which forms the base from which a career in System Programming is built.

Much of this learning is also considered a prerequisite for other advanced technical jobs, such as a Security Administrator or Storage Specialist.

IBM Skills Badges Attained

- Mainframe Specialist - IBM Z Enterprise System Hardware z17 - Foundations
- Mainframe Specialist - IBM LinuxONE 5 System Hardware - Foundations
- Mainframe Specialist - IBM Mainframe Environment - Foundations 3.1
- Mainframe Systems Programmer - Systems Programming - Foundations z/OS 3.1
- Mainframe Specialist - Parallel Sysplex - Foundations z/OS 3.1
- Mainframe Specialist - z/VM - Foundations z/VM 7.4
- Mainframe Specialist - Disk and Tape Storage - Foundations z/OS 3.1
- Mainframe Specialist - Job Control Language - Foundations 3.1
- Mainframe Specialist - z/OS Batch Utilities - Experienced 3.1
- Mainframe Specialist - VSAM IDCAMS Utility - Expert z/OS 3.1

Approximate number of training hours – 89



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- Interskill Skills Assessments
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- Interskill Video
- IBM Skills Badges
- IBM Professional Certificate

Branch indicates that courses can be undertaken in any order, but all need to be completed