



Certificate Level I Details

This certificate validates that the learner has attained a solid foundation in the fundamental concepts, tools, and techniques required for z/OS application programming. They understand the z/OS operating system architecture, components, and its role in enterprise computing, and have acquired a working knowledge of COBOL, PL/I and Python programming languages in that environment.

This person can access core day-to-day products to create source code (ISPF), submit programs for execution (JCL), and review results (SDSF).

Prerequisites

None.

Job Role

A z/OS Application Programmer is responsible for developing, maintaining, and supporting applications that run on the z/OS operating system. On completion of this study, the student should be able to:

- Describe the components of the z/OS system that are relevant to programming
- Explain how COBOL, PL/I and Python run on z/OS
- Use ISPF to store program code
- Write and run JCL to test programs
- Use SDSF to view and debug program results

Value of Skills

Fundamentals skills and knowledge of IBM's z/OS programming environment are provided through this certificate, which form the base from which a career in z/OS Application Programming is built.

The non-programming component of this learning is also considered a prerequisite for other advanced technical jobs such as a Systems Programmer, or Security Administrator.

IBM Skills Badges Attained

- Mainframe Specialist - IBM Mainframe Environment - Foundations 2.5
- Mainframe Application Programmer - IBM Development Environment - Foundations 2.5
- Mainframe Specialist - TSO/ISPF - Foundations 2.5
- Mainframe Specialist - TSO/ISPF - Expert 2.5
- Mainframe Specialist - SDSF - Foundations 2.5
- Mainframe Specialist - Job Control Language - Foundations 2.5

Approximate number of training hours - 87

	Interskill e-Learning Courses
	Interskill Skills Assessments
	Interskill Certificate Exams
	Interskill Simulations
	Interskill Video
	IBM Skills Badges
	IBM Professional Certificate
	Branch indicates that courses can be undertaken in any order, but all need to be completed

