



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Fundamental System Skills in z/OS

CODE:	LENGTH:	PRICE:
ES10G	5 days	\$4,000.00

Description

This course is designed to teach you the fundamental practical skills to navigate and work in a z/OS environment. This includes the use of ISPF/PDF dialogs, TSO/E commands, JCL, UNIX System Services shell, and BookManager.

Objectives

- Review the main concepts of z/OS
- Log on to TSO and start ISPF/PDF
- Navigate through ISPF/PDF dialogs and use the basic ISPF/PDF functions and the ISPF Editor
- Use ISPF/PDF to allocate data sets and edit data sets (including hierarchical file system (HFS) files) using the ISPF Editor primary and line commands
- Use ISPF to create and manipulate (copy, rename, delete, list, sort, and merge) data sets
- Identify security considerations for Multiple Virtual Storage (MVS) data sets and HFS files
- Describe and use TSO/E commands
- Perform simple modifications to existing ISPF/PDF panels
- Invoke a REXX exec and TSO CLIST
- Tailor existing JCL and submit batch jobs
- Review job status and job output using SDSF
- Invoke UNIX processes
- Manipulate HFS directories and file systems using the UNIX System
- Services ISHELL

Audience

This basic course is for IT personnel with a theoretical background of z/OS (for example, as taught in *An Introduction to the z/OS Environment (ES05G)* and some general practical IT experience.

Prerequisites

You should complete:

- *An Introduction to the z/OS Environment (ES050)* or equivalent on-the-job training

Programme

Unit 1: Introduction to the IBM Z Systems environment
Topic 1: Architecture in the z Systems environment
Topic 2: Operating systems
Topic 3: IBM z Systems
Unit 2: z/OS security
Topic 1: System security
Topic 2: RACF
Topic 3: RACF profiles
Unit 3: TSO ISPF panel
Topic 1: TSO familiarization
Exercise 1: System familiarization
Topic 2: Introduction to z/OS data set
Topic 3: Allocating data sets
Exercise 2: Allocate new data sets
Topic 4: Creating data sets and members
Topic 5: Edit data sets
Topic 6: Line commands
Topic 7: Copy, move, rename, and delete data sets and members
Exercise 3: ISPF editor primary commands
Exercise 4: ISPF editor Line commands
Exercise 5: Copy, move, rename, and delete data sets and members
Topic 8: Data set lists
Exercise 6: Data set lists
Unit 4: TSO commands
Topic 1: TSO ISPF commands
Topic 2: Edit data sets using line commands
Exercise 7: Using TSO/E commands
Unit 5: JES and JCL
Topic 1: Introduction to JES and JCL
Topic 2: Coding JCL
Topic 3: Submitting jobs using JCL
Topic 4: JCL utilities
Topic 5: Managing data sets using JCL
Exercise 8: Submit a job
Exercise 9: JCL exercises
Exercise 10: Procedures
Unit 6: UNIX
Topic 1: UNIX system services
Topic 2: File systems
Topic 3: UNIX program support and security
Topic 4: Application services
Topic 5: Security

Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: <http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
14 Nov 2022	Virtual Classroom	CST	English	Instructor Led Online		\$4,000.00
14 Nov 2022	Virtual Classroom	CST	English	Instructor Led Online		\$4,000.00

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)