



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Fundamental System Skills in z/OS

CODE:	LENGTH:	PRICE:
ES10G	40 Hours (5 days)	€3,900.00

## 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  
Exercise 11: ISHELL and hierarchical file system

## **Session Dates**

On request. Please [contact us](#)

## **Additional Information**

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