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## z/OS REXX Programming Workshop

**Duration: 4.5 Days    Course Code: ES52G**

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### Overview:

This course is designed to teach you the basic skills required to write programs using the REXX language in z/OS. The course covers the TSO extensions to REXX and interaction with other environments such as the MVS console, running REXX in batch jobs, and compiling REXX.

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### Target Audience:

People who need to write and maintain REXX programs in the z/OS system environment.

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### Objectives:

- Write programs using the REXX language
  - Use various data parsing techniques
  - Use built-in REXX functions
  - Create user-defined internal and external functions and subroutines
  - Issue host commands from within REXX execs
  - Code programs that read and write data sets
  - Use instructions and commands that manipulate the data stack
  - Use REXX debugging tools
  - Write error-handling routines
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### Prerequisites:

You should be able to:

- Code basic Job Control Language statements
  - Code in a programming language
  - Create, alter, and delete data sets using TSO
- These skills can be developed by taking:

- Fundamental System Skills of z/OS (ES10)
  - A programming language course
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## Content:

### Day 1

- (01:00) Unit 1 - Introduction
- (01:30) Unit 2 - Getting started with REXX (start)
- (01:00) Lab exercise 1
- (01:00) Unit 2 - Getting started with REXX (finish)
- (01:00) Lab exercise 2
- (01:30) Unit 3 - Programming in REXX (start)

### Day 2

- (01:00) Lab exercise 3
- (01:30) Unit 3 - Programming in REXX (finish)
- (01:00) Lab exercise 4
- (01:00) Unit 4 - Functions and subroutines (start)
- (02:00) Lab exercise 5

### Day 3

- (01:00) Unit 4 - Functions and subroutines (finish)
- (01:00) Lab exercise 6
- (01:30) Unit 5 - Debugging and error handling
- (01:00) Lab exercise 7
- (01:00) Unit 6 - Executing host commands
- (01:30) Lab exercise 8

### Day 4

- (01:30) Unit 7 - Compound variables and the data stack
- (01:30) Lab exercise 9
- (01:30) Unit 8 - Reading and writing data sets in REXX
- (01:00) Lab exercise 10
- (01:30) Unit 9 - The parse instruction

### Day 5

- (01:30) Lab exercise 11
- (01:30) Unit 10 - Using REXX: REXX compiler, REXX in batch, MVS console commands
- (01:00) Lab exercise 12

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.be](http://www.globalknowledge.be)