



## ONLINE MAINFRAME TRAINING WITH INTERSKILL

Interskill Learning has offered the mainframe computing industry's finest e-learning solutions for over 20 years. The following list of e-learning courses and assessments represents over 2,000 hours of e-learning courseware for mainframe computing personnel and provides a training solution of unmatched depth, breadth and currency.

### z/OS Curriculum

- z/OS Series**
  - z/OS Concepts and Components
  - Initializing and Terminating the z/OS System
  - Monitoring the z/OS System
  - z/OS Architecture
  - Identifying z/OS System Problems
  - Resolving z/OS System Problems
  - z/OS - Advanced
- z/OS Console Simulations Series**
  - z/OS MVS Command Simulations
  - z/OS System Shutdown and IPL Simulations
- Installing and Managing z/OS Software Series**
  - Introduction to SMP/E

### zEnterprise Curriculum

- Introduction to the IBM Z Mainframes

### z/OS Management Facility Curriculum

- The z/OS Management Facility

### IBM Explorer for z/OS Curriculum

- IBM Explorer for z/OS

### JES Curriculum

- JES2 Series**
  - JES2 System Initialization & Shutdown
  - Monitoring Batch Jobs with JES2
  - Using JES2 in Scheduling Batch Jobs
  - Identify and Resolve JES2 Batch Problems
  - Identify and Resolve JES2 System Problems
  - JES2 - Advanced
- JES3 Series**
  - JES3 Concepts and Commands

### Mainframe Application Performance Curriculum

- Mainframe Application Performance Series**
  - Introduction to Sampling Performance Tools

### z/OS Connect Curriculum

- z/OS Connect

### Blockchain Curriculum

- Blockchain Series**
  - Blockchain Fundamentals

### TSO/ISPF for z/OS Curriculum

- TSO/ISPF Series**
  - Using Online System Facilities
  - Managing Data Files and Definitions
  - Maintaining Data in Files with the ISPF Editor
  - TSO/ISPF - Advanced

### DevOps and Agile Curriculum

- DevOps Series**
  - DevOps Fundamentals
- Agile Series**
  - Agile Fundamentals
  - Ensuring Data Center Business Continuity

### IBM Environment Intro Curriculum

- IBM Environment Introduction Series**
  - Introduction to the IBM Enterprise Environment

### IBM Mainframe Communications Curriculum

- IBM Mainframe Communications Series**
  - IBM Mainframe Communications Concepts
  - VTAM Commands
  - Mainframe TCP/IP Commands

### SDSF Curriculum

- System Display and Search Facility (SDSF) Series**
  - SDSF Concepts and Operation
  - Using SDSF to Control Job Processing
  - Using SDSF to Display, Manipulate and Print Job Output
  - Using SDSF to Manage System Resources and Devices
  - SDSF - Advanced

### Data Center Storage Management Curriculum

- Data Center Storage Management Series**
  - Storage Fundamentals for Data Centers
  - Storage Networks, Admin, and DASD Mgmt
  - Using DFSMS to Manage the z/OS Storage Environment

### Virtualization Curriculum

- Virtualization Series**
  - z/VM Concepts, System Initialization, and Shutdown
  - Monitoring and Controlling z/VM Operations
  - Managing Guest Operating Systems
  - Identifying and Resolving z/VM Problems
  - Linux on z Systems Fundamentals

### Database Curriculum

- Db2 Operations Series**
  - Db2 Fundamentals
  - Managing Db2 Operations
- Db2 - Database Management Series**
  - Introduction to RDBMSs and Db2
  - Manage Data Definitions with Db2
  - Db2 SQL Fundamentals
  - Advanced Db2 SQL
  - Create and Maintain Db2 Programs
  - Db2 Stored Procedures
  - Optimize Db2 Application Performance



# Interskill Learning Online Mainframe Training

Wherever you train, learn online with Interskill! Your one-stop shop for all your mainframe training needs.

## Rational Developer for System z Curriculum

- Rational Developer for System z Basics
- Creating and Managing Applications Using RDz

## Data Analysis, Analytics, and Machine Learning Curriculum

### □ Big Data, Hadoop, and Analytics Series

- Big Data, Hadoop, and Analytics

### □ Machine Learning and Spark Series

- Machine Learning and Spark

## C Programming Curriculum

### □ C Programming Series

## COBOL Programming Curriculum

### □ COBOL Programming Series

- COBOL Programming - Basics
- COBOL Data and Datafile Definitions
- COBOL Programming - Manipulating Data
- COBOL Programming - Advanced
- COBOL for z/OS
- Accessing IMS Databases from COBOL

## CA Technologies Curriculum

### □ CA 1<sup>®</sup> Tape Management Series

- Using Tape Media
- Identifying and Resolving Media Problems

### □ CA 7<sup>®</sup> Workload Automation Series

- Introduction to CA Workload Automation
- Scheduling Batch Processing
- Monitoring and Managing the Batch Processing Environment
- System Programmer Interaction
- Backup, Recovery, and Problem Resolution

### □ CA 11 Workload Automation Series

- CA Workload Automation Restart Option for z/OS Schedulers Overview
- Managing CA Workload Automation Restart Option for z/OS Schedulers

### □ CA OPS/MVS<sup>®</sup> Event Mgmt and Automation Series

- Overview, Components, and Features
- Rules and OPS/REXX
- Automating Events Using the Relational Data Framework
- Automating Events Using the SSM
- Schedule and Group Managers for Event Management

### □ CA Endeavor<sup>®</sup> Software Change Manager Series

- Introduction and Basic Usage
- Package Processing and Facilities

## Security Curriculum

- Introduction to Mainframe Security

### □ CA ACF2<sup>™</sup> Series

- CA ACF2<sup>™</sup> - Introduction
- CA ACF2<sup>™</sup> - Protecting Data Integrity
- CA ACF2<sup>™</sup> - Protecting System Access
- CA ACF2<sup>™</sup> - Defining Environment Controls
- CA ACF2<sup>™</sup> - Protecting General Resources
- CA ACF2<sup>™</sup> - Maintaining ACF2<sup>™</sup>
- CA ACF2<sup>™</sup> - For Auditors

### □ RACF Series

- Defining Users to RACF
- Protecting System Resources Using RACF
- RACF for System Administrators and Auditors

## Assembler Curriculum

### □ z/OS Assembler Language Series

- Assembler Introduction
- Assembler Instructions
- Assembler Macros
- Assembler Programming
- Assembler z/OS Advanced
- Assembler Cross Memory Services

## IBM Power Systems - IBM i Curriculum

### □ IBM i Fundamentals Series

- IBM i Fundamentals
- Introduction to IBM i for System Operators
- Monitoring and Managing IBM i Workloads

### □ IBM i System Administration Series

- IBM i System Administration Fundamentals
- Security Implementation
- Journal Management
- Storage Management
- Logical Partitioning and Virtualization

### □ IBM i Programming Fundamentals Series

- CL Programming
- CL Programming Functions and Messaging

### □ IBM i Application Programming Introduction Series

- Db2 for IBM i - Introduction for Programmers

### □ IBM i RPG Series

- RPG/400 Introduction
- RPG/400 Coding
- RPG/400 Programming
- RPG/400 Workstation Programming Introduction
- RPG/400 Advanced Workstation Programming

### □ IBM i Query Series

- Database Basics and the Need for Query
- Creating a Simple Query
- Advanced Query Features and Management



# Interskill Learning Online Mainframe Training

Wherever you train, learn online with Interskill! Your one-stop shop for all your mainframe training needs.

## CICS Transaction Server Curriculum

### CICS TS Operations Series

- CICS TS - Introduction
- CICS Explorer Fundamentals
- CICS TS - Controlling CICS Operations
- CICS Command Simulations

### CICS TS Programmers Series

- CICS TS - Introduction
- CICS Programming Basics
- Program Control and Communication
- Files and Databases
- Storage and Transient Data
- Programming for Web Access
- Using CICS Transaction Gateway
- CICS Terminal Communications
- Using SDF II to Maintain CICS TS Maps
- Programming for Recovery
- Debugging CICS Programs

## Tivoli Workload Scheduler for z/OS Curriculum

- Understanding How Tivoli Workload Scheduler Processes Work
- Monitoring and Managing the Tivoli Workload Scheduler for z/OS Environment
- Scheduling with Tivoli Workload Scheduler for z/OS
- Maintaining the Integrity of Tivoli Workload Scheduler for z/OS

## PL/1 Programming Curriculum

### PL/1 Programming Series

- PL/1 Fundamentals and Data Representation
- PL/1 Program Design Techniques
- PL/1 Accessing Data in Files
- PL/1 Preprocessor, Debugging and Advanced Coding

## IMS Curriculum

- Introduction to IMS
- IMS Commands
- IMS Databases

## REXX Curriculum

### REXX Series

- Introduction to the REXX Programming Language
- REXX Keyword Instructions
- REXX Built-In Functions
- REXX with z/OS and TSO/E

## WebSphere Curriculum

### Introduction to WebSphere MQ Series

- Introduction to WebSphere MQ
- Introduction to WebSphere Application Server

## Java Programming Curriculum

- Java on z/OS for Java Programmers
- Java Introduction for the IBM Enterprise
- Java Programming for the IBM Enterprise
- Java Data Access for the IBM Enterprise

## Linux Curriculum

### Linux Series

- Introduction to Linux
- The Linux File System
- Editing with vi
- Linux Shell Programming
- Linux Operations

### Linux on z Systems Series

- Linux on z Systems Fundamentals

## z/OS UNIX System Services Curriculum

### z/OS UNIX System Services Series

- z/OS UNIX System Services - Basics
- Interacting with the z/OS UNIX System
- Working with z/OS UNIX

## Service Oriented Architecture Curriculum

### Service Oriented Architecture Series

- Service Oriented Architecture

## Utilities Curriculum

### z/OS Batch Utilities Series

- General Data Set Utilities
- Data Utilities
- Utilities - Advanced

## Cloud Computing Curriculum

### Cloud Computing for Data Centers Series

- Cloud Computing for Data Centers

## BMC Curriculum

### Control-M Series

- Introduction to Control-M
- Defining and Scheduling Jobs Using Control-M
- Monitoring and Managing Job Processing

## Cryptography Curriculum

### Cryptography Series

- Cryptography

## JCL Curriculum

### Job Control Language (JCL) Series

- Introduction to z/OS JCL
- Using Special Data Sets in Batch Jobs
- Identifying and Resolving Batch Problems in JCL
- Coding Procedures and JES2 Control Statements
- Advanced JCL (z/OS)



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## Professional Development

To accompany our comprehensive mainframe, Interskill recognises that your IT department requires more than just technical skills to complete their day-to-day activities. Our non-mainframe catalogue can support the training needs of the smallest company or the largest global enterprise.

### □ Subjects Covered Include:

- Basel III Regulations and Bank Risk Management
- Business Etiquette and Professionalism
- Project Management Professional (PMP)® PMBOK 6th Ed.
- Certified Cloud Security Professional (CCSP)
- Certified Information Systems Security Professional (CISSP)
- Effective Time Management
- Industry Foundation and Overviews
- IT Project Management Essentials
- ITIL® for Service Management
- Leadership Essentials and Team Management
- Making Cross-Functional Teams Work
- MCTS, MCITP, MCSA, MCSE, MCSA, MCD certifications
- Microsoft Office 365, Office 2016
- PMI-Agile Certified Practitioner (PMI-ACP)
- PRINCE2® Foundation and Practitioner
- Project Management for Non-Project Managers
- Writing Techniques for Effective Internal Business Cases
- Plus many more!

Titles are available in 18 different languages.  
Availability varies according to subject area.

## Mainframe Skills Assessments

Accurately and objectively evaluate the strengths and weaknesses of your mainframe workforce with these comprehensive banks of mainframe computing questions.

- Advanced COBOL
- Advanced PL/I
- CICS Concepts and Operation
- COBOL Basics
- IBM System z and z/OS Fundamentals
- JCL Coding
- JCL Concepts
- JCL Problem Resolution
- JES2 Concepts and Operation
- JES2 Problem Resolution
- Mainframe Network Communications
- PL/I Basics
- TSO/ISPF Concepts
- TSO/ISPF Operation
- z/OS Concepts
- z/OS Problem Diagnosis and Resolution
- z/OS System Operation

### □ IBM System z and z/OS Fundamentals

- Introduction to z/OS and the Mainframe Environment
- z/OS Online Workloads
- Application Programming on z/OS
- System Programming on z/OS