



## 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 online 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.

### Assembler Curriculum

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

### Blockchain Curriculum

- Blockchain Fundamentals

### BMC Curriculum

- [MainView Series](#)
  - Overview of the MainView Environment
- [Control-M Series](#)
  - Introduction to Control-M
  - Defining and Scheduling Jobs Using Control-M
  - Monitoring and Managing Job Processing

### Broadcom 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
  - Managing CA Workload Automation Restart Option
- [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
- [CA Endeavor<sup>®</sup> Software Change Manager Series](#)
  - Introduction and Basic Usage
  - Package Processing and Facilities

### C Programming Curriculum

- C/C++ on z/OS for C Programmers

### CICS v5.3 Curriculum

- [CICS TS Operations Series](#)
  - CICS TS - Introduction
  - CICS Explorer Fundamentals
  - CICS TS - Controlling CICS Operations
  - CICS Command Simulation

### □ [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

### Cloud Computing Curriculum

- Cloud Computing for Data Centers

### Coaching and Mentoring Curriculum

- Coaching and Mentoring for Technical Specialists

### COBOL Programming Curriculum

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

### Cryptography Curriculum

- Cryptography

### Data Analysis, Analytics, and Machine Learning Curriculum

- Big Data, Hadoop, and Analytics
- Machine Learning and Spark

### Data Center Storage Management Curriculum

- Storage Fundamentals for Data Centers
- Storage Networks, Admin, and DASD Mgmt
- Using DFSMS to Manage the z/OS Storage Enviro.

### Database Curriculum

- [Db2 v11 Series](#)
  - Db2 Fundamentals
  - Managing Db2 Operations
  - 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

### DevOps and Agile Curriculum

- DevOps Fundamentals
- Agile Fundamentals



# Interskill Learning Online Mainframe Training

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

## Disaster Recovery Curriculum

- Ensuring Data Center Business Continuity

## IBM Explorer for z/OS Curriculum

- IBM Explorer for z/OS

## IBM Mainframe Communications Curriculum

- IBM Mainframe Communications Concepts
- VTAM Commands
- Mainframe TCP/IP Commands
- VTAM Command Simulations

## IBM Power Series - AIX Curriculum

- AIX Fundamentals
- AIX Fundamentals for UNIX System Administrators
- AIX Virtualization, VIO Server and Management

## 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

## IMS Curriculum

- IMS 15 Introduction
- IMS 15 Databases
- IMS 15 Commands
- IMS 15 Transaction Manager for Programmers

## Introduction to the IBM Environment Curriculum

- Introduction to the IBM Enterprise Environment
- z/OS Systems Programming Fundamentals
- IBM Development Environment Overview

## 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

## JCL Curriculum

- Introduction to JCL
- JCL Coding Basics - JOB and EXEC Statements
- JCL Coding Basics - DD Statements
- Advanced JCL Data Set Use
- Controlling Job and Step Processing
- Working with Procedures and Symbols
- Running and Debugging JCL
- Advanced - Tips and Tricks

## 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 - Tips and Tricks
- JES2 Command Simulation

### JES3 Series

- JES3 Concepts and Commands

## 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

## Mainframe Application Performance Curriculum

- Introduction to Sampling Performance Tools
- Mainframe Application Performance Tuning

## Mainframe Training Sandbox Exercises (Labs)

- Labs - JCL (z/OS)



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## PL/1 Programming Curriculum

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

## Rational Developer for System z Curriculum

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

## REXX Curriculum

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

## System Display and Search Facility (SDSF) Curriculum

- 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 - Tips and Tricks

## Security Curriculum

- Introduction to Mainframe Security

### RACF Series

- Introduction to RACF
- Defining and Managing Users
- Managing RACF Groups and Administrative Authorities
- RACF for Systems Programmers
- Protecting Data Sets Using RACF
- Protecting General Resources Using RACF
- RACF and z/OS UNIX
- Managing Digital Certificates
- RACF for Auditors

### CA ACF2™ Series

- Introduction CA ACF2™
- Protecting Data Integrity
- Protecting System Access
- Defining Environment Controls
- Protecting General Resources
- Maintaining ACF2™
- CA ACF2™ for Auditors

## Service Oriented Architecture Curriculum

- Service Oriented Architecture

## Tivoli Workload Scheduler for z/OS Curriculum

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

## TSO/ISPF for z/OS Curriculum

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

## Utilities Curriculum

- General Data Set Utilities
- Data Utilities
- Utilities - Advanced - Tips and Tricks

## Virtualization (z/VM) Curriculum

- 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

## WebSphere Curriculum

- Introduction to WebSphere MQ
- Introduction to WebSphere Application Server

## z/OS Connect Curriculum

- z/OS Connect

## z/OS Curriculum

### z/OS Series

- z/OS Concepts and Components
- Initializing and Terminating the z/OS System
- Monitoring the z/OS System
- Identifying z/OS System Problems
- Resolving z/OS System Problems
- z/OS - Advanced - Tips and Tricks

### z/Architecture Series

- Processing Workloads
- Memory, Address Spaces, and Virtual Storage

### 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

## z/OS Management Facility Curriculum

- The z/OS Management Facility

## z/OS UNIX System Services Curriculum

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

## z/VSE Curriculum

- z/VSE Basics
- z/VSE for Operators



# Interskill Learning Online Mainframe Training

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

## zEnterprise Curriculum

- Introduction to the IBM Z Mainframes

## Zowe Curriculum

- Zowe Basics

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

## WANT MORE THAN MAINFRAME TRAINING?

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

Please note: these titles are not included in your MyInterskill subscription and need to be purchased separately. Contact your Interskill account representative to add non-mainframe titles to your MyInterskill license today.

### Professional Development

#### Subjects Covered Include:

- Advanced Management Techniques
- Business Process Improvement
- Certified Cloud Security Professional (CCSP)
- Certified Systems Security Pro. (CISSP)
- Certified Secure Software Lifecycle Pro. (CSSLP)
- Communicating with Senior Executives
- CompTIA Advanced Security Practitioner (CASP)
- Cross-Cultural Communication
- Developing Leadership Skills
- Effective Business Meetings
- First Time Manager Essentials
- Industry Foundation and Overviews
- ITIL® 2011 Edition Intermediate Level: Operational Support & Analysis (OSA)
- ITIL® 2011 Foundation
- Leading Virtual Teams
- Managing Technical Teams
- Microsoft Office 365, Office 2019
- Performance Measurement
- PMI Agile Certified Practitioner (PMI-ACP)
- PRINCE2®
- Project Management for All
- Project Management Professional (PMP)® PMBOK 6th Ed.
- The Quality Management of Data
- Time Management
- Writing Skills for Technical Professionals
- Plus many more!

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