

InterSkill Learning has offered the mainframe computing industry's finest e-learning solutions for over 20 years. The following list of Mainframe e-Learning Courses and Mainframe Skills 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 Console Simulator Series
 - z/OS MVS Command Simulations
 - JES2 Command Simulations
 - VTAM Command Simulations
 - CICS Command Simulations
 - z/OS System Shutdown and IPL Simulations
- Installing and Managing z/OS Software Series
 - Introduction to SMP/E

zEnterprise Curriculum z/OS

- Introduction to the IBM z Mainframes

z/OS Management Facility Curriculum z/OS

- The z/OS Management Facility

IBM Explorer for z/OS Curriculum z/OS

- IBM Explorer for z/OS

Job Control Language (JCL) Curriculum z/OS

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

JES Curriculum

- JES2 Concepts, Commands, & Application z/OS Series
 - JES2 System Initialization and Shutdown
 - Monitoring Batch Jobs with JES2
 - Using JES2 in Scheduling Batch Jobs
 - Identify and Resolve JES2 Batch Problems
 - Identify and Resolve JES2 System Problems

Mainframe Application Performance Curriculum

- Introduction to Sampling Performance Tools

z/OS Connect

- Introduction to z/OS Connect

Blockchain Curriculum

- Blockchain Fundamentals

TSO/ISPF for z/OS Curriculum z/OS

- Using Online System Facilities – TSO/ISPF
- Managing Data Files and Definitions with ISPF/PDF
- Maintaining Data in Files with the ISPF Editor

DevOps

- DevOps Fundamentals

IBM Environment Introduction Curriculum z/OS

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

IBM Mainframe Communications Curriculum z/OS

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

SDSF Curriculum z/OS

- System Display & 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

Data Center Storage Management Curriculum z/OS

- Using DFSMS to Manage the z/OS Storage Environment
- Storage Fundamentals for Data Centers
- Storage Networks, Administration, and DASD Management Using ICKDSF

Virtualization 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 System Fundamentals

Database Curriculum (DB2 v11)

- Database Series
 - DB2 Fundamentals
 - Managing DB2 Operations
- DB2 – Database Management System 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

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
- Machine Learning and Spark

C Programming

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

COBOL Programming Curriculum

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

CA Curriculum

- CA 1[®] Tape Management Series
 - CA 1 Tape Management - Using Tape Media
 - CA 1 Tape Management - Identifying & Resolving Media Problems
- CA 7[®] Workload Automation Series
 - Introduction to CA Workload Automation - CA 7[®] Edition
 - Scheduling Batch Processing
 - Monitoring and Managing the Batch Processing Environment
 - System Programmer Interaction with CA 7
 - Backup, Recovery, and Problem Resolution
- CA 11[®] Workload Automation Restart and Tracking Series
 - CA Workload Automation Restart Option for z/OS Schedulers Overview
 - Managing CA Workload Automation Restart Option for z/OS Schedulers
- CA OPS/MVS[®] Event Management and Automation Series
 - CA OPS/MVS - Overview, Components & Features
 - CA OPS/MVS - Rules and OPS/REXX
 - CA OPS/MVS - Automat. Events Using Relational Data Framework
 - CA OPS/MVS - Automating Events Using System State Manager
 - CA OPS/MVS - Schedule & Group Managers for Event Management
- CA Endeavor[™] Software Change Manager Series
 - CA Endeavor[™] Software Change Manager Intro and Basic Usage
 - CA Endeavor[™] Software Change Manager Package Processing and Facilities

Security Curriculum

- Introduction to Mainframe Security Series
 - Introduction to Mainframe Security
- CA ACF2[™] Series R15
 - CA ACF2[®] - Introduction
 - CA ACF2[®] - Protecting System Access
 - CA ACF2[®] - Protecting Data Integrity
 - CA ACF2[®] - Protecting General Resources
 - CA ACF2[®] - Defining Environment Controls
 - CA ACF2[®] - Maintaining CA ACF2
 - CA ACF2[®] - For Auditors
- RACF Series
 - Defining Users to RACF
 - Protecting System Resources Using RACF
 - RACF for System Administrators and Auditors

Assembler Programming Curriculum

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

BMC Curriculum

- Control-M Series
 - Introduction to CONTROL-M Scheduling
 - Monitoring the CONTROL-M Scheduling Environment

IBM Power Series – AIX Curriculum

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

IBM Power Series – 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 RPG/400 Series
 - RPG/400 Introduction
 - RPG/400 Coding
 - RPG/400 Programming
 - RPG/400 Workstation Programming
 - 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
- IBM i Application Programming Introduction Series
 - DB2 for IBM i – Introduction for Programmers

CICS Transaction Server Curriculum

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

Tivoli Workload Scheduler 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

IBM Enterprise PL/1 Programming Curriculum

- IBM Enterprise PL/1 Programming Series
 - PL/1 Fundamentals and Data Representation
 - PL/1 Program Design Techniques
 - PL/1 Accessing Data in Files
 - PL/1 Debugging and Advanced Coding

IMS Curriculum

- Introducing IMS
- IMS Commands
- IMS Database Manager

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
- 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

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

z/OS UNIX System Services Curriculum

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

IBM Certified SOA Associate Curriculum

- Service Oriented Architecture

Utilities Curriculum z/OS

- z/OS Batch Utilities Series
 - Data Utilities
 - General Data Set Utilities
- VSAM Series
 - Introduction to VSAM

Cloud Computing Curriculum

- Cloud Computing for Data Centers

Disaster Recovery Curriculum

- Ensuring Data Center Business Continuity

CERTIFICATION BUNDLES

IBM System z Mastery Test Curriculum

- Introduction to IBM Enterprise Environment
- z/OS Systems Programming Fundamentals
- IBM Development Environment Overview
- Using Online System Facilities - TSO/ISPF
- CICS Transaction Server(TS) - Introduction
- Introduction to RDBMSs and DB2
- Introduction to WebSphere Application Server
- Introduction to WebSphere MQ
- Managing Data Files and Definitions with ISPF/PDF
- Maintaining Data in Files with the ISPF Editor
- JCL (z/OS) - Introduction to z/OS JCL
- Systems Programming on z/OS Practice Assessment
- Application Programming on z/OS Practice Assessment
- z/OS Online Workloads Practice Assessment
- Intro to z/OS & Mainframe Environment Practice Assessment

(Note: Interskill Learning has updated its specialty curriculum mapped to the "IBM System z Mastery Test" which is IBM's global industry standard for entry level System z system programmers.)

MAINFRAME PRESENTER SERIES

Quickly and simply develop powerful in-house mainframe classes and webinars that, teamed with Interskill's e-learning courses, offer the most comprehensive, system specific mainframe training!

MAINFRAME PRESENTER SERIES AVAILABLE

- Job Control Language (JCL)
- z/OS Pathway
- Introduction to the IBM Environment
- z/OS Application Development
- z/OS Systems Programming
- COBOL Programming
- IMS Pathway
- Database (DB2)
- CICS Pathway
- Introduction to Mainframe Networks
- Introduction to z/OS Security

MAINFRAME SKILLS ASSESSMENTS

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

CICS Assessments

- CICS Concepts and Operation

COBOL Assessments

- COBOL Basics
- COBOL Advanced

JCL Assessments

- JCL Concepts
- JCL Problem Resolution
- JCL Coding

JES2 Assessments

- JES2 Concepts and Operation
- JES2 Problem Resolution

PL/I Assessments

- PL/I Basics
- PL/I Advanced

TSO/ISPF Assessments

- TSO/ISPF Concepts
- TSO/ISPF Operation

Mainframe Network Communications Assessments

- Mainframe Network Communications

z/OS Assessments

- z/OS Concepts
- z/OS System Operations
- z/OS Problem Diagnosis and Resolution

IBM z/OS System Programmer Assessments

- Systems Programming on z/OS Assessment
- Application Programming on z/OS Assessment
- z/OS Online Workloads Assessment
- Introduction to z/OS & the Mainframe Environment Assessment

COMING SOON

- BMC Control-M - Update
- z/OS 2.3 - New
- IMS Curriculum – Update
- Tips & Tricks for the Experienced Mainframer - New
- Agile and Application Development - New
- IMS TM (Transaction Manager) – New