

Interskill Learning has offered the mainframe computing industry's finest e-learning solutions for over 15 years. The following list of mainframe e-learning courses and mainframe skills assessments represents over 1,000 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 2.1 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 Simulators 2.1 Series**

- Console Simulations

### **□ z/OS Performance Monitoring Series**

- Performance Monitoring Basics

### **□ Installing and Managing z/OS Software 2.1 Series**

- Introduction to SMP/E

## **zEnterprise Curriculum**

### **□ zEnterprise 2.1 Series**

- Introduction to zEnterprise – EC12, BC12 & zBX

## **z/OS Management Facility Curriculum**

### **□ z/OS Management Facility Curriculum 2.1 Series**

- The z/OS Management Facility

## **IBM Explorer for z/OS Curriculum**

### **□ IBM Explorer for z/OS 2.1 Series**

- IBM Explorer for z/OS

## **Job Control Language (JCL) Curriculum**

### **□ Job Control Language (JCL) 2.1 Series**

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

## **JES Curriculum**

### **□ JES2 2.1 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

### **□ JES3 Series**

- JES3 Concepts and Commands

## **Cloud Computing Curriculum**

### **□ Cloud Computing 2.1 Series**

- Cloud Computing for Data Centers

## **Rational Developer for System z Curriculum**

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

## **IBM Environment Introduction Curriculum**

### **□ IBM Environment Introduction 2.1 Series**

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

## **IBM Mainframe Communications Curriculum**

### **□ IBM Mainframe Communications 2.1 Series**

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

## **WebSphere Curriculum**

### **□ Introduction to WebSphere MQ Series**

- Introduction to WebSphere MQ
- Introduction to WebSphere Application Server

## **TSO/ISPF for z/OS Curriculum**

### **□ TSO/ISPF 2.1 Series**

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

## **Data Centre Storage Management Curriculum**

### **□ Data Centre Storage Management 2.1 Series**

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

## **Utilities Curriculum**

### **□ z/OS Batch Utilities 2.1 Series**

- Data Utilities
- General Data Set Utilities

### **□ VSAM 2.1 Series**

- Introduction to VSAM

## **SDSF Curriculum**

### **□ System Display and Search Facility (SDSF) 2.1 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

## **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 System z Fundamentals

## IMS Curriculum

### □ IMS Series

- Introducing IMS
- IMS Commands
- IMS Database Manager

## z/OS Related Products Curriculum

### □ z/OS Related Products Series

- CLISTS Introduction
- HSM Overview
- FOCUS
- Virtual Tape Server (VTS)
- Parallel Sysplex
- VM Concepts and Facilities
- System Managed Storage (SMS)

## CA Technologies Curriculum

### □ CA 1® Tape Management Series

- Using Tape Media
- Identifying and Resolving Media Problems

### □ CA 7® Workload Automation Series

- Introduction to CA 7® Workload Automation
- Scheduling Batch Processing
- Monitoring and Maintaining the Batch Processing Environment
- System Programmer Interaction with CA 7
- Backup, Recovery, and Problem Resolution

### □ CA 11® Workload Automation Series

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

### □ CA OPS/MVS® 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 SYSVIEW® Performance Management Series

- Performance Management Overview
- Performance Management Administration and Security
- Performance Management Implementation

### □ CA Jobtrac™ Job Management Series

- Job Management

### □ CA Endeavor® Software Change Manager Series

- Introduction and Basic Usage
- Package Processing and Facilities

### □ CA Easytrieve® Report Generator Series

- CA Easytrieve® Report Generator

### □ CA NetMaster® Network Mgmt. for TCP/IP Series

- CA NetMaster® Network Management for TCP/IP

## Disaster Recovery

### □ Business Continuity & Disaster Recovery

- Ensuring Data Centre Business Continuity

## BMC Curriculum

### □ Control-D Series

- CONTROL-D

### □ Control-M Series

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

## CICS Transaction Server Curriculum

### □ CICS TS Operations Series

- Introduction
- Explorer Fundamentals
- Controlling CICS Operations

### □ CICS Transaction Server Series

- Programming Introduction
- Preprocessor, Conversations and File Control
- Program Control, Condition Handling and Accessing CICS areas
- Temporary and Transient Data, Interval and Journal Control
- Miscellaneous Commands, CICS and DB2, Intercommunication, CEMT and CICS Display
- Extensions
- BMS User Interfaces
- Using SDF II To Maintain CICS TS Maps

## Tivoli Workload Scheduler for z/OS Curriculum

### □ Tivoli Workload Scheduler for z/OS Series

- 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

## Assembler Programming Curriculum

### □ z/OS Assembler Language Series

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

## Security Curriculum

### □ Introduction to Mainframe Security

- Introduction to Mainframe Security

### □ CA ACF2™ Series

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

### □ RACF Series

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

## Database Curriculum

### □ Database Series V11

- DB2 Fundamentals
- Managing DB2 Operations

### □ DB2 - Database Management System Series V11

- 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

## 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 RPG Series

- RPG/400 Introduction
- RPG/400 Coding
- RPG/400 Programming
- RPG/400 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

### □ IBM i Programming Fundamentals Series

- CL Programming
- CL Programming Functions and Messaging

### □ IBM i AIX Series

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

## COBOL Programming Curriculum

### □ COBOL Programming Series

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

## 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

## REXX Curriculum

### □ REXX Series

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

## Java Programming Curriculum

### □ Java Programming Series

- Java Introduction for the IBM Enterprise
- Java Programming for the IBM Enterprise
- Java Data Access for the IBM Enterprise

## iSeries Curriculum

### □ iSeries Introduction Series

- iSeries Concepts
- Introduction to iSeries Security

### □ iSeries Operations Series

- AS/400 Operations Navigator
- AS/400 Operations
- iSeries Operating Facilities

### □ iSeries Programming Fundamentals Series

- CL Programming
- CL Programming Functions and Messaging
- Introduction to iSeries Programming Environment
- Introduction to iSeries Programming Facilities
- iSeries Application Programming Introduction Series
- Introduction to Programming the iSeries
- Introduction to DB2/400
- Introduction to Device Files

### □ iSeries Query Series

- Query for Users

### □ iSeries RPG Series

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

### □ Introduction to iSeries ILE Programming Series

- Introduction to Integrated Language Environment (ILE)
- ILE RPG/400

### □ iSeries Subfile Programming Series

- Introduction to Subfiles
- Input and File Load Subfiles
- Load by Page and Maintenance Subfiles

## Linux Curriculum

### □ Linux Series

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

## MAINFRAME SKILLS ASSESSMENT

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

### □ JES2 Assessments

- JES2 Concepts and Operation
- JES2 Problem Resolution

### □ JCL Assessments

- JCL Concepts
- JCL Coding
- JCL Problem Resolution

### □ TSO/ISPF Assessments

- TSO/ISPF Concepts
- TSO/ISPF Operation

### □ Mainframe Network Communications Assessments

- Mainframe Network Communications

### □ z/OS Assessments

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

### □ IBM z/OS System Programmer Assessments

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

## OTHER CURRICULA

<b>VSE Curriculum</b>	<b>Tandem Curriculum</b>
17 Titles	26 Titles
<b>z/VM Curriculum</b>	<b>OS/390 UNIX</b>
4 Titles	4 Titles

## 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!

- 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

## CERTIFICATION BUNDLES

### IBM System z and z/OS Fundamentals Test Curriculum

- Introduction to the IBM Enterprise Environment
- z/OS Systems Programming Fundamentals
- System Programming on z/OS Practice Assessment
- IBM Development Environment Overview
- Application Programming on z/OS Practice Assessment
- Using Online System Facilities - TSO/ISPF
- CICS 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
- z/OS Online Workloads Practice Assessment
- JCL (z/OS) - Introduction to z/OS JCL
- Introduction to z/OS and the Mainframe Environment Practice Assessment

### IBM Certified Service Oriented Architecture Curriculum

- Service Oriented Architecture



***Mainframe personnel  
can only be as good  
as we train them to be.***

***However good the hardware  
and software, mainframe  
systems can only be as good  
as the people who run them.***

To accompany our comprehensive catalogue of specialist mainframe courseware Interskill recognises that your IT department requires more than just technical skills to complete their day-to-day activities. Support your employees and improve project progress with improved techniques in team participation and professional development, develop the skills of your leaders and managers with accredited courseware or cross-train your technical departments with knowledge in soft-skills and industry overviews in customer service, marketing and communication. With access to a range of over 6,000 course titles spanning 18 different languages, our non-mainframe e-learning catalogue can support the training needs of the smallest company or the largest global enterprise.

## Interskill's Non-Mainframe Courseware

### □ Business, Management and Leadership:

- Budgeting and Auditing
- Business Planning, Strategy and Risk Management
- Business Writing, Grammar and Communication
- Customer Service Professionalism, Skills and Processes
- Human Resource Development (HRCI: PHR/SPHR-aligned)
- ITIL, PMBOK, PRINCE2 and Six Sigma
- Leadership and Management Development
- Sales Foundations, Negotiations and Selling
- Team Participation and Performance
- Time Management and Professional Development
- Plus many more subject areas.... 1,000+ Current business titles

### □ IT and Technical Skills:

- C#, HTML5, ANSI C, C/C++, C++11, Java SE and Perl Programming
- Enterprise Database Systems; Oracle and Microsoft
- Network Technologies; CompTIA A+, Wireless, CCNA, CISA, CISM, CISSP, CISCO, EMC and Cloud Computing
- Software Development and Testing
- UNIX, LINUX and VMWare
- Plus many more subject areas.... 1,800+ Current IT titles

### □ Desktop Applications and Software:

- Adobe CC
- Apple Safari X and Mac OS X Lion, Yosemite, iOS
- CorelDRAW and QuarkXPress
- Crystal Reports
- Google Apps, Google Analytics
- Microsoft Office 365, Office 2016, Office for Mac, Yammer
- SAP for End Users and Business Intelligence
- Windows 10
- Plus many more subject areas.... 500+ Current software titles

## Localised in Your Language:

### □ Courseware is Available in:

- Brazilian Portuguese
- Chinese; Cantonese, Mandarin and Traditional
- Dutch, European Spanish, French, German, Greek, Italian
- English, UK English and Indian English
- Hindi
- Japanese
- Korean
- Polish
- Russian
- Spanish and Latin American Spanish
- Turkish

