



Instructor-Led Course Catalog

Caliber Data Training

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Caliber Data Training is celebrating 28 years of excellence in I.T. training, providing training services to Fortune 1000 companies and federal, state, and local government agencies.

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Big Data & Hadoop

Big Data & Hadoop Workshop – Hadoop 101 1 day
Hadoop Developer Workshop..... 4 days

Java/J2EE and Open Source Frameworks

Java Programming using Eclipse..... 5 days
J2EE Programming using Eclipse (Servlet & JSP) 5 days
Servlet Programming using Eclipse 3 days
JSP Programming using Eclipse 2 days
Java/Servlet/JSP Programming using Eclipse -- FAST TRACK 5 days
Advanced Java using Eclipse 5 days
Java Design Principles & Patterns..... 2 days
Intro to JSF (Java Server Faces) 3 days
EJB Programming..... 5 days
Struts Framework..... 4 days
Spring-MVC Web Applications..... 5 days
Hibernate 5 days
Integrating Spring and Hibernate Developers Workshop (Spring Emphasis) 5 days
Integrating Spring and Hibernate Developers Workshop (Hibernate Emphasis) 5 days
Developing AJAX Applications 3 days
AJAX in Java Applications 2 days
Developing SOAP Web Services in Java 5 days
Securing Web Services 5 days
Web Services Development using RAD 5 days

Ruby / Ruby on Rails

Intro to the Ruby Programming Language..... 4 days
Ruby on Rails 4 days

Service Oriented Architecture (SOA)

SOA Overview for Non-Technical Managers 1 day
Understanding SOA: A Technical Overview 1 day
An Introduction to SOA and Web Services 2 days
SOA Architecture and Design Principles 2 days
Service Oriented Modeling & Architecture 5 days
Service Oriented Architecture (SOA) Immersion Bootcamp 5 days

WebSphere MQ

Technical Introduction to WebSphere MQ 1 day
WebSphere MQ Application Programming 4 days



VB.NET

Object Oriented Programming in VB.NET	5 days
.NET Framework using VB.NET	4 days
For Web Developers:	
ASP.NET using VB.NET	5 days
ADO.NET for Web Applications using VB.NET	3 days
For Windows Developers:	
Windows Forms using VB.NET	5 days
ADO.NET using VB.NET	3 days
Web Services using VB.NET & ASP.NET	4 days
XML Parsing using VB and .NET	2 days

C#.NET

C# Essentials	2 days
OO Essentials with C# and .NET	3 days
OO Programming in C#	5 days
.NET Framework using C#.....	3 days
Windows Forms using C#.NET	3 days
ASP.NET using C#.NET	4 days
ADO.NET using C#.NET.....	3 days
Web Services using C# and ASP.NET	4 days

Internet Development

Creating Accessible Web Sites	2 days
Web Technology Overview: J2EE/.NET	2 days
HTML/XHTML Web Page Development with CSS	3 days
JavaScript Web Page Programming.....	3 days
XML Overview for Managers	½ day
XML for Developers	3 days
XSLT Programming	3 days
Processing XML with Java	3 days
W3C Schemas	4 days
XSL-FO	3 days
Python Programming	4 days
ColdFusion Web Application Development.....	4 days
PowerBuilder Programming Basic	5 days
PowerBuilder Programming Advanced	5 days
Introduction to Perl.....	5 days
Advanced Perl Programming	5 days
Perl CGI Programming.....	2 days



Oracle

Oracle Concepts and Facilities	2 days
Oracle SQL & SQL* Plus	5 days
Oracle PL/SQL Programming	3 days
Oracle Advanced PL/SQL Programming	2 days
Oracle Advanced SQL Queries.....	2 days
Oracle Application Tuning.....	3 days
Oracle Forms I	4 days
Oracle Forms II	3 days
Oracle Reports.....	4 days
Oracle SQL Developer.....	4 days

C and C++

C Language Programming.....	5 days
C++ Programming.....	5 days

UNIX/Linux

UNIX and Linux System Basics I	3 days
UNIX and Linux System Basics II	2 days
UNIX Shell Programming	5 days
Korn Shell Programming Essentials	3 days
Advanced Korn Shell Programming	2 days
Bourne Shell Programming	5 days
Red Hat Server Administration	5 days
Red Hat Workstation Administration	5 days
SUSE Linux Overview for Managers	1 day
SUSE Linux Administration.....	4 days

IT Service Management & ITIL

ITSM/ITIL Foundation Certification	3 days
ITSM/ITIL Awareness: Executive Overview	1 day
ITSM/ITIL Simulation Polestar	1 day

Tivoli and BMC Control

Tivoli System Automation for z/OS - Essentials	3 days
Tivoli System Automation for z/OS Programming - Advanced	3 days
BMC Control O Automation	2 days
Constructing BMC Control O Applications	3 days
Introduction to BMC Control M & Control M/Restart	3 days
Introduction to BMC Control M/Enterprise Manager	4 days



Systems Development

Defining and Managing User Requirements	2 days
Reviewing Requirements and Design Adequacy	2 days
Business Process Management	2 days
Object Technology Overview	1 day
Object Oriented Analysis & Design using UML.....	5 days
Introduction to Use Cases.....	1 day
Interaction Design	3 days
Introduction to Rational Rose.....	1 day
Rational Unified Process (RUP).....	3 days
Managing OO Projects.....	1 day
Structured Systems Analysis	3 days
Structured Systems Design	3 days

Agile

Managing Software Projects using SCRUM	2 days
Design & development in an Agile Environment.....	5 days
Agile Data Base Design Techniques	5 days
Test Driven Design and Refactoring	3 days

Business Analysis (CBAP)

Business Analysis for IT Professionals	4 days
High Quality Business Requirements	3 days
Consulting Skills for the Business Analyst	2 days
Business Analysis and Requirements Gathering	3 days
Project Management Skills for the Business Analyst	2 days
Modeling Techniques for the Business Analyst	4 days
Preparation for the CBAP Certification Exam	3 days

Project Management (PMP)

Project Management.....	5 days
Project Planning and Control Workshop	1 day
PMP Exam Preparation	4 days
Project Scope and Risk Management.....	2 days
Leadership Skills for the Project Professional.....	2 days
MS Project 2010-Level 1.....	1 day
MS Project 2010-Level 1.....	1 day



Data Warehousing

Logical Data Modeling 2 days
Introduction to Data Modeling and Design Using Erwin 4 days
Advanced Data Modeling Using Erwin..... 3 days
Introduction to Data Mining 3 days
The Data warehouse ETL Toolkit 3 days
Relational Database Design 1 day
Introduction to Data Warehousing 5 days
Relational and Dimensional Data Warehouse Design 3 days

Business Intelligence

Delivering Business Intelligence with Microsoft SQL Server 5 days
Business Intelligence Roadmap..... 3 days
Balanced Scorecards & Operational Dashboards with Microsoft Excel..... 4 days
Microsoft Reporting Services 4 days

Business Objects

Business Objects Web Intelligence - Intro 2 days
Business Objects Web Intelligence - Advanced 1 day
Business Objects Universe Design..... 2 days

Cloud Computing

Cloud Computing Executive Overview..... 1/2 day
Cloud Computing Primer..... 1 day
Cloud Computing Workshop Training 2 days
Designing Cloud Computing Solutions 2 days
Cloud Programming Workshop 2 days
Cloud Computing for Architects 4 days

Mobile Computing

Enterprise iPhone and iOS Application Development..... 5 days
Enterprise Android Application Development 5 days



MySQL and Teradata

MySQL Structured Query Language.....	3 days
Teradata SQL	5 days

Software Testing

Software Quality Assurance.....	3 days
Proactive Software Quality Assurance and Testing.....	3 days
Proactive Testing: Risk Based Test Planning, Design, and Automation.....	3 days
Writing Testable Software Requirements and Use Cases.....	2 days
Fundamentals of Unit Testing.....	3 days

IBM Mainframe & Midrange

Mainframe Fundamentals

Introduction to Computing.....	2 days
TSO/ISPF	2 days
OS/390 and z/OS Concepts.....	1 day
JCL Fundamentals.....	3 days
Reading Mainframe Data.....	1 day
Business Programming Logic.....	2 days

COBOL Programming

COBOL Fundamentals.....	5 days
Advanced COBOL	5 days
Enterprise COBOL New & Advanced Features	5 days
Enterprise COBOL Debugging with Abend-AID & IBM's EDUMP	4 days
Software Testing.....	2 days
COBOL System Project	9 days
VSAM.....	2 days

Other Mainframe Programming Languages

Assembler Language Programming - Introduction	5 days
Assembler Language Programming - Advanced	5 days
PL/1 Applications Programming - Introduction.....	5 days
PL/1 Applications Programming - Advanced	5 days
SAS Programming (available for Mainframe and PC)	3 days
SAS Fundamentals (available for Mainframe and PC)	½ day
SAS File Manipulation (available for Mainframe and PC).....	1 day
SAS Graphing (available for Mainframe and PC)	1 day
Focus Report Writing Fundamentals	3 days
Focus Report Writing Advanced	2 days
Easytrieve Plus Introduction	2 days
Easytrieve Plus Advanced	2 days



Programming Aids & Utilities

Xpediter Workshop	1 day
Xpediter IMS	1 day
SyncSort	2 days
File-AID	1 day
Using File Manager for z/OS.....	2 days
TSO/E CLIST Programming	3 days
z/OS REXX Programming.....	3 days
ISPF Dialog Manager.....	3 days
Introduction CA-1	2 days
CA-1 for JCL Users	1 day
Using CA-11.....	1 day
Introduction to CA-ACF2.....	½ day
CA-ACF2 Administration.....	4 days
CA-ACF2 Administration (Basics).....	2 days
CA-AutoSys Workload Automation Upgrade Readiness	3 days

Advanced JCL

JCL for COBOL Programmers	2 days
JCL for PL/1 Programmers	2 days
JCL Jobstream Design	1 day

DB2 /SQL/ RDBMS

R/DBMS	1 day
Structured Query Language Intro	2 days
Structured Query Language Advanced.....	1 day
DB2 Application Programming.....	5 days
DB2 within COBOL: Embedded SQL.....	2 days
Advanced DB2 for Programmers (DB2 UDB for z/OS).....	3 days
DB2 UDB Stored Procedures for z/OS	2 days
DB2 SQL PL Stored Procedure Language	3 days
DB2 Performance and Tuning for Programmers	3 days
Query Management Facility (QMF).....	3 days

CICS/IMS

CICS Command Level Workshop	5 days
Advanced CICS Programming	5 days
IMS/DB Programming.....	5 days
IMS DC/IMS TM Programming	5 days

Mainframe Operations

Basic z/OS MVS Operations.....	3 days
Advanced z/OS MVS Operations.....	2 days
Basic OS/390 MVS Operations.....	3 days
Advanced OS/390 MVS Operations	2 days



IBM i Series (NEW CURRICULUM)

IBM i Concepts and CL Programming	5 days
IBM i Concepts and Programming Tools	3 days
RPG IV Programming	5 days
Embedded SQL Programming with RPG IV	2 days