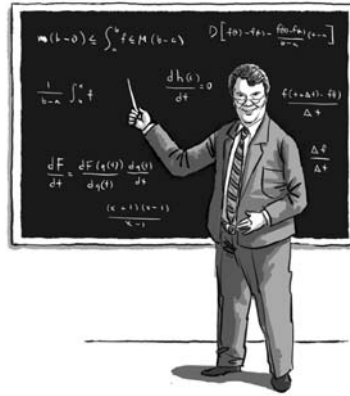




The Wise Approach to Oracle Training

Today's Oracle professionals demand professional training and all of our Oracle courses are taught by Oracle experts with extensive database experience and BC instructors wrote the book on Oracle training.

Our instructors have authored more than 50 bestselling Oracle books and they have dedicated their professional careers to becoming experts in Oracle technology.



You get what you pay for . . .



Burleson Consulting offers some of the best Oracle experts in the industry. Smart companies know to entrust their Oracle training to dedicated professionals.

Burleson Consulting takes Oracle training very seriously and our experts have authored over 50 Oracle books, more than anyone else. All of our instructors are Oracle experts, all Oracle Certified Professionals with many years of real-world experience.

Effective Oracle training requires skills far beyond the content of the classroom slide. Our instructors know Oracle internals from the ground up and they have years of experience in diagnosing Oracle systems. All BC instructors are published authors and experts with exceptional interpersonal skills and the ability to communicate complex concepts in plain English.



Join the ranks of dozens of Fortune 500 companies and choose on-site Oracle training from recognized experts.



Optimize Your Time & Training Dollars

With BC personal hands-on training and optional follow-up mentoring you maximize your training investment. Traditional Oracle training that has been a one-size-fits-all approach with mind-numbing slideshows has been displaced by a smarter approach. Savvy students want to know how the content applies to their environment, and BC has real-world Oracle experts, ready and willing to share their vast experience with your students. Whether it's just one-on-one mentor training or a class of 20 students, customized Oracle training is the best value for your training dollar. BC has the most stringent requirements in the industry and we are proud of our instructors who are all well-known Oracle authors and experts.

Training and Mentoring Together!

Burleson Consulting ensures your success by offering instructors who are also working Oracle expert consultants. For mission-critical training, BC offers a supplemental service where your staff can get follow-up support for any course topics.



The Curriculum Makes the Class

BC Oracle Training has been developing database training courses for 23 years and is a trusted training source for some of the world's largest corporations including Sony, Lockheed Martin and many Fortune 50 companies.

Because our curriculum designers are working Oracle consultants they know the proper topics and features that will be of the most benefit. Our course designers are seasoned Oracle professionals with many years of on-the-job experience and they focus on a hands-on, pragmatic learning experience.

Call for assistance 800-766-1884

Visit us online www.dba-oracle.com



Choosing Your Courses and Options

Burleson Consulting is the leader in on-site Oracle training because we have a pragmatic approach for ensuring your training success. BC instructors are all working Oracle consultants, industry experts and authors who meld real-world experience into your Oracle courses.

- **Standard or Custom Training?** - Just as every Oracle system is unique, you may want your Oracle training to focus on your specific technical challenges. BC allows you to mix-and-match any Oracle topics within this catalog to create a custom training solution, tailored to the exact needs of your company.
- **Follow-up Mentoring?** - BC can also ensure your training success by offering supplemental remote mentoring and follow-up support on any course topics. You will always have your instructor available to help, just a phone call away.

When choosing your course and topics, carefully note the course name on the title bar of each page. If you are planning a customized course, make a list of the course names and the topics that you require.



Scheduling Your Courses

Scheduling your Oracle training course is a simple process:

- Choose the course and any supplemental topics that you desire.
- Make a list of possible training dates at your shop.
- Telephone 800-766-1884 to contact your BC training manager

When booking your course, you may request a specific preference for the date of your training, subject to the availability of the expert instructor for your topic. BC will then work with you to develop your training goals and codify the course content.

Once approved, we will schedule your instructor and you will receive instructions for your lab setup, plus details about your online and printed training resources. If you also want follow-up mentoring, your training manager can give you options and pricing.

Call for assistance 800-766-1884

Visit us online www.dba-oracle.com



Table of Courses

Hot Topics Training	Page
Oracle 11g New Features	1
Oracle RAC: Real Application Clusters	2
Oracle Performance Tuning	3
Rapid Application Development with Apex (HTML-DB).....	4
Introduction to Oracle SQL and PL/SQL	5
Oracle SQL programming and Tuning	6
Oracle PL/SQL Programming and Tuning	7
Goldengate	32

Oracle Developer Training

This is a complete series of courses designed to give developers the skills they need to succeed developing Oracle systems.

Creating Online Systems with JDeveloper	9
Oracle JDeveloper Java J2EE Training Course	10
Practical Data Modeling for Oracle	11
Oracle Developer 9i Forms Training	12
Oracle Developer Reports Training	13
Oracle Portal Developer Training	14
Oracle Developer Advanced Forms and Reports	15
Oracle Forms & Reports Development	16
Develop Dynamic Web Pages with Oracle PHP.....	17
Oracle XML Programming	18

Oracle DBA Training

This is a complete series of DBA courses designed to keep Oracle DBAs current with the ever-changing technology.

Upgrading to Oracle11g for DBAs	19
Oracle Performance Tuning for DBAs	20
Oracle Grid Administration & Management	21
Oracle Database Administration and Management	22
Linux Oracle Database Administration	23
Oracle RMAN Backup & Recovery Class	24
Oracle Network Topology and Administration	25
Oracle Replication Administration & Management	26
Oracle Streams Administration & Management	27
Oracle Data Guard Administration & Management	28
Oracle Data Warehouse Design & Management	29
Oracle Privacy Security Auditing	30
Oracle Application Server Administration.....	31



Oracle 11g New Features

Curriculum Development: This 11g new features training course was designed by Donald K. Burleson. This is an intensive 3-day or 4-day 11g new features training overview, customized according to your exact training needs. The 4-day version of this 11g new features training course explores more robust 11g SQL new features.

Description:

- * Learn the most important Oracle 11g new features and when to use them.
- * Understand how to leverage the automatic DBA features.
- * See how the Automated Workload Repository (AWR) places important tuning information at your fingertips.
- * Use the Automated Session History (ASH) tables to quickly find performance bottlenecks.
- * Understand how to use the Automatic Database Diagnostic Monitor (ADDM).
- * Learn how to implement the SQL Tuning and SQL Access advisor tools.

Course: Oracle 11g New Features Training

Duration: 3 day or 4 day class

Cost: \$3,000.00 per class day

Size: Up to 20 Students

Prerequisites: This 11g new features training course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is designed for Oracle DBA and Developer staff. IT managers will also find it beneficial.

Suggested Reading:



Oracle 11g New Features
Get Started Fast with Oracle 11g Enhancements
Steve Karam, Brian Carr, et al.
ISBN: 0-9797951-0-9

Syllabus Topics

Oracle 11g DBA new features
Interval partitioning for tables
New load balancing utilities
Improved table/index compression
Improved NFS data file management
Server side connection pooling
RMAN UNDO bypass
Capture/replay database workloads
Scalability Enhancements
Virtual columns
Partitioning by logical object and automated partition creation.
LOB's - New high-performance LOB features.
Automatic Diagnostic Repository (ADR)
New Oracle 11g Advisors
Enhanced Read only tables

Hot patching
OEM Oracle 11g new features:
Oracle 11g language & PL/SQL New Features
Improved sequence management
Oracle 11g SQL New Features
The /*+result_cache*/ SQL hint
SQL Replay
Improved SQL execution Plan Management
Dynamic SQL
Fully Automatic SQL Tuning
Oracle 11g Performance new features
Oracle 11g security & auditing new features
Oracle 11g High Availability & RAC new features

Call Now: 800-766-1884
www.dba-oracle.com



Oracle Grid & RAC: Real Application Clusters

Curriculum Development: This course is designed by Steve Karam and Don Burleson, among the worlds leading Oracle RAC consultants and authors. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions relating to Oracle, & Steve Karam has authored four books on Oracle technology.

Description: This is an intensive 3-day hands-on Oracle RAC and Grid features overview. Unlike other Oracle RAC training classes, this course examines all Oracle RAC features with an eye on those features that are the most important to your shop. The course content can be customized according to your specific Oracle RAC configuration. This hands-on Oracle Grid training is special because this course is taught by a veteran Oracle Certified DBA with years of full-time experience.

Course Objectives: This course presents a complete guide to the installation and configuration of Oracle Real Application Clusters tool for successful design of RAC clusters, details on shared disk technology, raw devices and RAID with RAC, understanding of internal concurrency, resource coordination and locking mechanism within RAC, transparent Application Failover (TAF), and monitoring and tuning RAC applications.

Course: Oracle Grid & RAC: Real Application Clusters

Duration: Four (4) days

Cost: \$12,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle RAC is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is specifically designed for Oracle DBA systems administration staff.

Course Book:
Oracle 11g Grid &
Real Application
Clusters
Mike Jones &
Steve Karam
ISBN 0-9744355-4-6



Syllabus Topics:

Introduction to Cluster Technology
High Performance Databases
High Performance Computing Cluster – HPCC
Clusterizing Applications
Highly Available Databases
Clustered Systems
Overview of the Cluster Technology
Oracle Real Application Clusters
RAC Server and Disk Technology
RAW Partitions and Cluster File System
Storage Technology and Redundancy
Cluster File System

Server Redundancy
RAC Installation and Configuration
RAC Architecture and Components
Install Oracle & Database Creation
Real Application Clusters Internals
Overview of Cache Fusion
RAC Backup and Recovery
Standby Databases with RAC
Transparent Application Failover
Using Instance Roles
Performance Monitoring and Tuning
Migration to RAC Databases
Architecture of Oracle RAC Guard

Call now: 800-766-1884

www.dba-oracle.com



Oracle Performance Tuning

Curriculum Development: This course was designed by Don Burleson and John Garmany, working Oracle DBAs with more than 30 years of combined Oracle DBA experience. Authors of more than 30 books on Oracle performance tuning, this course focuses on the important Oracle DBA skills to get you started fast in optimizing your Oracle database.

Description: This intensive Oracle tuning training course is designed to provide an in-depth overview of Oracle internal structures and show how to tune Oracle's internal structures for maximum high performance. This is not your run-of-the-mill Oracle tuning course. Unlike the boilerplate Oracle tuning courses that deliver obsolete and low-impact tuning techniques, this course shows real world techniques that can cut overall response time by more than 50%. While the course is topical in nature, the course emphasizes the central theme of database monitoring and the proper use of alert mechanisms. The course shows how to use the Oracle STATSPACK utility to monitor virtually every aspect of the Oracle database.

Course Objectives: By the end of this course the student will have a functional understanding of the methods commonly utilized in Oracle performance tuning.

Course: Oracle Performance Tuning

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for the working Oracle professional and the amount of previous experience with Oracle is incidental. Previous experience with relational database management and SQL is helpful, but this class is self-contained and has no formal prerequisites.

Target Audience: This is an indispensable class for any Oracle DBA or developer who needs to understand how to optimize Oracle performance.

Course Book:
Oracle Tuning:
The Definitive Reference
Donald K. Burleson
ISBN: 0-9744486-2-1



Syllabus Topics:

Introduction to Oracle Tuning
Tuning the Oracle Instance and Objects
Oracle Instance Tuning
Redo Logs
Undo Management
Data Buffer Management
Shared Pool Issues
Sorting Issues
Default SQL Optimizer Mode
Miscellaneous Initialization Parameters
Concurrency Management
Oracle Object Tuning
Oracle Index Internals

Oracle Replication
Oracle Segment Internals
Object Access Patterns
Tuning Oracle Data Access
Cost Based vs. Rule Based
Tuning with Indexes
Tuning Sub-queries
Tuning with Hints
Tuning with Parallel Query
Tuning the External Environment
vmstat Utility
iostat Utility
Advanced Oracle Tuning Concepts

Call now: 252-767-6166

www.dba-oracle.com



Rapid Applications with Apex (HTML-DB)

Curriculum Development: This Oracle Applications Express course was developed by Kent Crotty, a noted author and DBA working with Oracle for over 15 years. An Oracle Certified DBA and a graduate of the University of Maryland, he is an IT professional with over 15 years experience in a variety of roles ranging from Programmer/Analyst (developer) to Systems and Database Administrator. Kent is instrumental in developing complex Oracle systems architectures and specializes on web-based Oracle applications.

Description: This is an intensive hands-on course designed to rapidly learn to develop Oracle systems with APEX. The course features working examples of complex APEX database access and techniques for creating easy Oracle Application Express applications.

Course Objectives: By the end of this course the student should be able to create and deploy Apex applications. They will learn step-by-step procedures for APEX data access and document formatting, creation of dynamic web content with APEX, understand how to update data with APEX, learn best practices to improve productivity, performance, and security, customize an application with Themes and CSS, and how to package Apex applications for easy deployment.

Course: Rapid Applications with Apex (HTML-DB) (OAE)

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: The student should have a basic understanding of Oracle database administration and application development with PL/SQL. This APEX course also assumes a basic knowledge of DBA structures including tables, indexes and constraints.

Target Audience: This course is specifically designed for Oracle DBA systems administration staff.

Course Book:
Easy Oracle APEX

Kent Crotty &
Michael Cunningham
ISBN: 0-9761573-1-4



Syllabus Topics:

Installing APEX
Creating a Workspace APEX
Data Workshop APEX
SQL Workshop
SQL Command Processor
APEX Application Builder
Creating Web Pages with APEX
Using List of Values (LOVs)
Calendars
NavBar, Tabs, Menus, buttons, trees

Loading Pictures and Images
Deploying to Production
Using Application Builder Utilities
Export/Import
CSS and Image Files
The Export Repository
Administration & Service Administration
Manage Engine Settings
Workspace Provisioning
Customizing regions, themes & templates

Call now: 252-767-6166
www.dba-oracle.com



Introduction to Oracle SQL and PL/SQL

Curriculum Development: This course was designed by Burses Consulting with a focus on getting started fast. BC instructors are working professional DBAs with real world experience.

Description: Introduction to SQL and PL/SQL is an intensive hands-on course that is designed to give the student maximum exposure to Oracle SQL and PL/SQL. The student learns by doing, as this class has dozens of in-class exercises which guide the student from simple SQL commands to increasingly complex PL/SQL coding techniques. The topics start with the basics of SQL and progress into increasingly complex queries, including table joins, sub queries and creating Oracle views. The PL/SQL section begins with simple concepts and the student gradually masters PL/SQL.

Course Objectives: By the end of this course the student should be able to formulate advanced SQL queries including correlated sub queries and outer joins. The student will also become familiar with the internals of Oracle9i SQL and will be able to use the EXPLAIN PLAN utility to tune SQL statements. Topics also include SQL constructs, using SQL*Plus, advanced SQL operators and PL/SQL structures and tables.

Course: Introduction to Oracle SQL and PL/SQL

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with SQL and the use of a relational database. Prior experience with Oracle is not required, but experience using SQL with a relational database is highly desirable.

Target Audience: This is an indispensable class for any Oracle DBA or developer who needs to understand Oracle SQL and PL/SQL.

Course Books:

Easy Oracle SQL

John Garmany
ISBN 0-9727513-7-8

Easy Oracle PL/SQL

John Garmany
ISBN 0-9759135-7-3



Syllabus Topics:

Review of Basic SQL Syntax
Restricting Row Returns (WHERE)
Complex Boolean Logic in SQL
ROWID Restrictions
Using SQL*Plus
Creating Basic Reports
Joining Oracle Tables
Using Cursor Multi-row SQL query
Iteration (loops) in PL/SQL
Hiding Joins by Creating Views
IN, NOT IN, EXISTS, NOT EXISTS
Sub Queries
Non-correlated Sub Queries
Advanced SQL Operators

Aggregation in SQL
Intro to Cost Based Optimization
Collecting Table & Index Statistics
Using Column Histograms
Library Cache SQL Reusability
Using Hints for SQL Performance
Parallel Query for Performance
Tuning Sub Queries
Basic PL/SQL Block and Sections
Declaring Variables and Constants
Executing a PL/SQL Block
Error Check – Exception Handling
Define & Populate PL/SQL Tables
Bulking in PL/SQL (forall)

Call now: 252-767-6166

www.dba-oracle.com



Oracle SQL Programming and Tuning

Curriculum Development: This course was designed by Donald K. Burleson, a leader in Oracle SQL tuning. Burleson was chosen by Oracle Press to write the authorized edition of Oracle High-Performance SQL tuning. Burleson has over a decade of experience in SQL tuning and shares his secrets in this intense hands-on Oracle SQL tuning training.

Description: Introduction to SQL Programming and Tuning is an intensive hands-on course that is designed to give the student maximum exposure to Oracle SQL. The student learns by doing, and this class has dozens of in-class exercises and the student will be guided from very simple SQL commands to increasingly complex SQL tuning techniques.

Course Objectives: By the end of this course the student should be able to formulate advanced SQL queries including correlated subqueries and outer joins. The student will also become familiar with the internals of Oracle SQL and will be able to use the EXPLAIN PLAN utility to tune SQL statements.

Course: Oracle SQL Programming and Tuning

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: Prior experience with Oracle is not required, but experience using SQL with a relational database is desirable.

Target Audience: This course is designed for practicing Oracle professionals who have basic experience with SQL and the use of a relational database.

Course Books:

Easy Oracle SQL

John Garmany

ISBN 0-9727513-7-8

Oracle High-Performance SQL Tuning

Donald K. Burleson

ISBN: 0072190582



Syllabus Topics:

The Oracle Relational Database
Inside the Oracle Architecture
Data storage
Flat-file data storage (BFILE, external tables)
Spreadsheet file access
Introduction to Oracle Tables
Index organized tables
Introduction to Oracle Indexes
Using SQL*Plus
Using SQL*Worksheet
Procedural programs with PL/SQL
SQL Processing
Oracle data dictionary

The DBA Views
The v\$ views
Running dictionary scripts
Syntax of SQL
Report generation with SQL*Plus
Views: encapsulation of complex queries
Using the DBA_VIEWS view
Problems combining views
Introduction to DDL and DML
Oracle Schema components
Referential Integrity
Read consistency, locking & DML
The X\$ fixed tables

Call now: 252-767-6166

www.dba-oracle.com



Oracle PL/SQL Programming and Tuning

Curriculum Development: This course was designed by Donald K. Burleson, a leader in Oracle programming with over 30 years of database programming experience. Author of more than 30 database books, Burleson designed this course to get people started fast in writing, debugging and deploying PL/SQL as he shares his secrets in this intense training.

Description: PL/SQL Programming & Tuning is an intense hands-on course that is designed to get the student writing Oracle PL/SQL quickly. The student learns by doing, and this class has dozens of in-class exercises and the student will be guided from very simple SQL commands to increasingly complex PL/SQL coding techniques. The topics start with the basics of SQL and progress into increasingly complex queries, including table joins, sub-queries and creating Oracle views. The PL/SQL section begins with simple concepts and the student gradually masters PL/SQL through increasingly challenging classroom exercises.

Course Objectives: By the end of this course the student should be able to write advanced PL/SQL code blocks, and use advanced features such as ref cursors and bulk fetches. The student will also become familiar with the internals of Oracle's PL/SQL and compiling PL/SQL for super fast performance.

Course: Oracle PL/SQL Programming and Tuning

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: Prior experience with Oracle is not required, but experience using SQL with a relational database is highly desirable as-is experience with any procedural language.

Target Audience: This course is ideal for any Oracle professional who needs to write and implement PL/SQL programming. This course is popular with Oracle developers and DBAs, but it is also useful for any technical staff that must interact with Oracle.

Course Book:
Easy Oracle PL/SQL Tuning
Tim Hall
ISBN:

Syllabus Topics:

PL/SQL Tables	Ensuring Complete Error Checking
PL/SQL Structures	Pass Error Messages to Call Routine
Dynamic SQL in PL/SQL	Boolean Logic in PL/SQL
Nested Blocks in PL/SQL	Using Control Structures
Stored Procedures, Functions, Packages	Constructing & Identifying Loops
Iteration in PL/SQL	Controlling Block Flow
PL/SQL Wrapper Utility	If-then-else Structures
Simple Blocks	Cursor for a Multi-row SQL Query
Control Structures	Dynamic SQL in PL/SQL
PL/SQL Records	Intro to the dbms_sql Package
Declaring Variables & Constants	Creating a Dynamic SQL Statement
Executing a PL/SQL Block	Basics of Stored Procedures
Defining Exceptions	Pinning Packages in the SGA
Using the WHEN OTHERS Clause	Bulking in PL/SQL (forall)

Call now: 252-767-6166

www.dba-oracle.com



Advanced Oracle SQL Tuning

Curriculum Development: This course was designed by Donald K. Burleson, a leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL Tuning. Burleson has over a decade of real world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle SQL tuning training.

Description: Advanced Oracle SQL tuning is an intensive hands-on course designed to provide Oracle professionals with an in-depth understanding of Oracle SQL tuning internals and how to formulate and tune SQL statements for optimal performance. Your instructor, Donald Burleson, was chosen by Oracle Press to write the Authorized edition on SQL tuning, and he is acknowledged as the most highly-regarded instructor in Oracle SQL tuning.

Course Objectives: By the end of this course the student should be able to formulate advanced SQL queries including correlated subqueries and outer joins. The student will also become familiar with all of the major SQL tuning techniques for Oracle, including the internals of the Oracle optimizers, materialized views, and techniques for tuning Oracle SQL statements for optimal performance.

Course: Advanced Oracle SQL Tuning

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with SQL. Experience using SQL with a relational database is highly desirable.

Target Audience: Ideal for any Oracle professional who needs to tune Oracle SQL. Popular with Oracle developers and DBAs it is also useful for any technical staff that interacts with Oracle.

Course Books:

Oracle SQL Tuning & CBO Internals

Kimberly Floss

ISBN 0-9745993-3-6

Oracle Tuning:

The Definitive Reference

Donald K. Burleson

ISBN 0-9744486-2-1



Syllabus Topics:

Reading an Execution Plan
Importance of Schema Statistics
Testing SQL Execution Speed
Internal Table Join Methods
Top Down SQL Tuning
Identifying Sub Optimal SQL
Using Hints to Change SQL Execution
Tuning SQL with Stored Outlines
V\$ Internal Views for SQL Tuning
Internal Processing of SQL Statements
SQL Semantic Analysis
Using Optimizer Plan Stability
Using the v\$sql & v\$sql_plan Views
SQL Execution Internals (TKPROF)

Using Histograms
Oracle Index Optimization
Object Structures & SQL
PCTFREE & PCTUSED on DML
Table High Water Mark
Table Striping, Partitioning & Resequencing
Re-writing SQL Queries
Table Join Order Evaluation
Inside the Library Cache
Parallel SQL & Partitions
SQL and the Data Warehouse
Grouping, CUBE & Rollup
Tuning SQL Sub Queries

Call now: 252-767-6166

www.dba-oracle.com



Creating Online Systems with JDeveloper

Curriculum Development: This JDeveloper Java Training Course was designed by Donald K. Burleson. A retired Adjunct Professor Emeritus, Burleson has taught hundreds of Oracle classes and developed Oracle curriculums for several major universities. With over a decade of DBA experience in Oracle, Burleson shares expert secrets and techniques for this intense hands-on Oracle JDeveloper Java Training Course.

Description: This is an intensive hands-on course designed to rapidly learn Java programming. This Java class will cover the use of procedural Java using the Oracle JDeveloper environment. Working with real-world examples and hands-on exercises, students will understand object-oriented programming with Java and learn how to write increasingly sophisticated Java programs including the use of database interfaces, Java class library routines and error and exception checking. This is an indispensable class for anyone who wants to get started fast in Java programming.

Course Objectives: The student will create Java Graphical User Interfaces and understand Java structures, operators and strings, the use of Java classes, interface classes and object cloning.

Course: Creating Online Systems with JDeveloper

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: A basic understanding of programming. It is also a plus to have object oriented concepts including inheritance, polymorphism and encapsulation.

Target Audience: This course is ideal for any Oracle professional who needs to write and implement Java with Oracle.

Course Book:
Core Java 2 Vol 1
Cay Horstmann,
Gary Cornell
ISBN: 0130471771

Oracle JDeveloper Handbook
Avrom Roy-
Faderman
& Peter Koletzke
ISBN: 0072255838

Syllabus Topics:

Introduction to Java
Object Oriented Programming
Introduction to JDeveloper
Using JDeveloper
Java Structures
Java Operators
Java Strings
Java Control Flows
Java Arrays
Java Libraries
Java Classes
Java Graphical User Interfaces

Java GUI's and JDeveloper
Adding Components with JDeveloper
Choice Components
Dialog Boxes
Error and Exception Checking

Call now: 252-767-6166
www.dba-oracle.com



Oracle JDeveloper Java J2EE Training Course

Curriculum Development: This Oracle JDeveloper Java J2EE Training Course was designed by Donald K. Burleson. A retired Adjunct Professor Emeritus, Burleson has taught hundreds of Oracle classes and developed Oracle curriculums for several major universities. Author of more than 30 bestselling Oracle books, Burleson was chosen by Oracle Press to write five officially authorized books. With over a decade of DBA experience, Burleson shares expert secrets and techniques for this JDeveloper Java J2EE Course.

Description: This is an intensive hands-on course designed to teach the use of Java and J2EE for Oracle Application Server technology. The Java Oracle class will cover the use of procedural Java and J2EE within the Oracle Application Server framework and describe how Java and J2EE interface with Oracle. Topics also include monitoring and performance tuning for Java and J2EE within Oracle9iAS and Oracle10gAS.

Course Objectives: The student will learn about Java and the Oracle Databases inside the Oracle Application Server 10g. Topics include using Java 2 Enterprise Edition, using AS 10g and Java Messaging Service and understanding the Oracle Application Development Framework.

Course: Oracle JDeveloper Java J2EE Training Course

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: The student should have a basic understanding of object oriented concepts including inheritance, polymorphism and encapsulation and basic fluency in Java and J2EE programming.

Target Audience: This course is ideal for any Oracle professional who needs to write and implement Java with Oracle. It is also useful for anyone who must interact with Oracle.

Course Book:

Oracle 9i Java Programming:
Solutions for Developers Using PL/SQL and Java
Bjarki Holm, et. Al.
ASIN: 1861006020

Syllabus Topics:

Oracle JVM
Java Stored Procedures and Triggers
Loading Java in the Database
Java File IO
Oracle JDBC
Driver Types
Prepared Statement/Bind Variables
Handling Numbers, dates and null
oracle.sql Libraries
Calling PL/SQL Procedures & Functions
Connection Pooling & Caching
Batch Statement Processing
AS 10g Editions & Components
Oracle HTTP Server (OHS)

Oracle Containers for Java (OC4J)
Web Application Servlet Basics
HTTP Request Headers
Java Sever Pages
Deploying Web Application
WAR Files
J2EE Components & anatomy
EJB Session & message-Driven Beans
EJB Entity Beans
Persistence Mapping & TopLink
OC4J and JNDI
AS 10g and Java Messing Service (JMS)
AS 10g Performance Tuning
OC4J Islands

Call now: 252-767-6166

www.dba-oracle.com



Practical Data Modeling for Oracle

Curriculum Development: This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books; Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL Tuning. Burleson has over a decade of real world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on training.

Description: Unlike other theoretical courses on data modeling, this course emphasizes the pragmatic application of real world database design techniques. Through numerous exercises, the attendees will internalize proven techniques to create an effective database design and understand how to predict the ramifications of a change to an existing design. Using real world examples the student builds a firm foundation that can be applied to any data model, regardless of the complexity.

Course Objectives: The goal is for the student to understand data modeling practices including entities, attributes and functional dependency. Using real data modeling examples the student will see the importance of row clustering, unobtrusive data relationships and how to identify and gather business rules from end users.

Course: Practical Data Modeling for Oracle

Duration: Two (2) days

Cost: \$6,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: A basic understanding of data modeling is helpful but not required. This course is indispensable for anyone faced with the challenge of designing a database system.

Target Audience: This is a great course for the Systems Analyst, Database administrator or developer who is involved in the design and implementation of complex databases.

Course Books:

<i>Logical Database Design Principles</i>	<i>Physical Database Design Using Oracle</i>
John Garmany	Donald Burleson
ISBN 084931853X	ISBN 0849318173

Syllabus Topics:

Overview of Data Modeling
Basic Data Relationships
Notation differences Chen, Rumbaugh
Introducing Redundancy
Horizontal Partitions & Data Modeling
Introducing Codd, Date & Armstrong
Functional Dependency
Normalization & Entity/relation Models
Beyond 3NF: BCNF, 4NF, 5NF
Gerunds & many-to-many relationships
The issue of SQL with ternary joins
Recursive data relationships
Modeling & design issues
Access path impact on data models

Repeating groups vs. normalization
Transform E/R diagrams into tables
Ternary & gerund relationships
Unobtrusive data relationships
Object-oriented data model
Data aggregates & class hierarchies
Polymorphism & inheritance
ISA relationship & class hierarchies
Planning a generalization hierarchy
Extend hierarchies & polymorphism
Modeling aggregate entities
Enterprise data modeling
Introducing data replication
Diverse databases & hardware

Call now: 252-767-6166

www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com



Oracle Developer 9i Forms Training

Curriculum Development: This Developer 9i Forms Training was designed by Donald K. Burleson. A retired Adjunct Professor Emeritus, Burleson has taught hundreds of Oracle classes and developed Oracle curriculums for several major universities. With over a decade of real-world DBA experience in Oracle, Burleson shares real-world expert secrets and techniques for Developer 9i Forms Training.

Description: This is an intensive hands-on Oracle Developer 9i Forms course that will enable students to develop, implement and deploy internet applications using Oracle's Forms Application. Working in a rapid development environment, students learn how to customize forms through user input items and how to control data access by creating event-related triggers using PL/SQL.

Course Objectives: By the end of the course students will have developed a complete multi-window application that integrates library and menu modules with forms modules. This course will also enable students to develop, implement and deploy internet applications using Oracle's Forms Application.

Course: Oracle Developer 9i Forms Training

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for the working Oracle professional and the amount of previous experience with Oracle is incidental. Previous experience with relational database management and SQL is helpful, but this class is self-contained and has no formal prerequisites.

Target Audience: Ideal for any Oracle professional who needs to work with Forms. Popular with Oracle developers and DBAs it is also useful for any technical staff that interacts with Oracle.

Course Books:

Oracle Forms Developer: The Complete Training Course
Benjamin Rosenzweig,
Baman Motivala, Ben
Rosenzweig
ISBN: 0130321249

Syllabus Topics:

Introduction to Oracle9i Forms
Explain how oracle forms works
Canvases and Frames
Table based blocks
Understanding Modules
Forms Elements
Data Block & Layout Wizards
Oracle Files (.fmb and .fmx)
Source vs. Executable Files
Compiling Forms Files
Forms Object Navigator
The Property Palette
The Layout Editor
Master-Detail Forms

Text Items and display Items
Creating Buttons and List Items
Radio Groups and Check boxes
Trigger Basics in SQL*Forms
Transactional Triggers
Using Forms Built-ins
Lists of Values - LOV's
Canvases (toolbar) and Windows
Attributes and Property Classes
Object Groups, Libraries & Template form
PL/SQL Libraries & stored objects
Multiple Form Applications
Menu Modules

Call now: 252-767-6166

www.dba-oracle.com



Oracle Developer Reports Training

Curriculum Development: This Oracle Developer Reports Training was designed by Donald K. Burleson. A retired Adjunct Professor Emeritus, Burleson has taught hundreds of Oracle classes and developed Oracle curriculums for several universities. Author of more than 30 bestselling Oracle books, Burleson was chosen by Oracle Press to write five officially authorized books. With over a decade of DBA experience in Oracle, Burleson shares real-world expert secrets and techniques for Oracle Developer Reports Training this intense hands-on Oracle Developer Reports Training.

Description: This is an intensive three-day hands-on Oracle Developer Reports course where the student will be able to develop and maintain various types of reports using Oracle Report Builder. The students will develop reports in a graphical user interface (GUI) environment and will learn to incorporate graphic images as well as customize reports using PL/SQL.

Course Objectives: The student should be able to develop a variety of standard and custom reports using the reports builder component of Developer in a client/server environment. Also to retrieve, display, and format data in numerous reporting styles such as tabular, break, master/detail, matrix and form letter reports. The student will be able to customize reports by combining text & graphics with quantitative data to meet specific business requirements.

Course: Oracle Developer Reports Training

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database and PL/SQL is highly desirable.

Target Audience: This course is ideal for any Oracle professional who needs to write and implement Oracle Reports. This course is popular with Oracle developers and DBAs, but it is also useful for any technical staff that must interact with Oracle.

Course Book:
Oracle Reports
Pinnacle Software
ISBN: 1930245181

Syllabus Topics:

Designing and executing reports
Using layout objects
Customizing the display of data in reports
Tailoring the appearance reports
Advanced business reports
Integrating text and graphics
Linking tabular, break, master/detail reports
Matrix and form letter reports
Importing charts and graphs
Applying the packaged

Writing queries to retrieve data.
Managing the structure of data in reports
Analyzing report structures
Filtering report information
Implementing graphics into reports
Building modules in Developer Reports
Managing module storage and security
Supplying values at runtime
Customize reports

Call now: 252-767-6166
www.dba-oracle.com



Oracle Portal Developer Training

Curriculum Development: This Oracle Portal Developer Training Course was designed by Donald K. Burleson. A retired Adjunct Professor Emeritus, Burleson has taught hundreds of Oracle classes and developed Oracle curriculums for several universities. Author of more than 30 bestselling Oracle books, Burleson was chosen by Oracle Press to write five officially authorized books. With over a decade of DBA experience in Oracle, Burleson shares real-world expert secrets and techniques for Oracle Portal Developer Training Course this intense hands-on Oracle Portal Developer Training Course.

Description: This is an intensive hands-on course designed to teach the use of Oracle Portal. The Oracle developer Portal class will cover the incorporation of web pages into Oracle applications, creation of web pages that interface with Oracle and the conversion of Oracle 6i Forms and Oracle9i Forms into HTML formats.

Course Objectives: The student should learn OracleAS Portal management and Portal Reports, working with hierarchies, using links to connect Portal Objects and Portal security.

Course: Oracle Portal Developer Training

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: Students should have a basic familiarity with Oracle Forms 6i or Oracle Developer Forms9i.

Target Audience: Ideal for any Oracle professional who needs to learn to use Oracle Portal. Popular with Oracle developers and DBAs it is also useful for any technical staff that interacts with Oracle.

Course Books:

Oracle Portal Bible

Rick Greenwald

John Wiley & Sons

ISBN: 0764547496

Syllabus Topics:

Machinations of Oracle Portal	Portal Charts
Portal Tools	Portal Calendar
Portal Documentation	Portal Hierarchies
Portal Firsts	Working with HTML
Configuring 9iAS/10gAS Portal	How to utilize LOV's within your Portal
Inside the Portal Environment	Create and managing Portal Menus
Using the Navigator	Using links to connect Portal Objects
Browsing the Database	Integrating PL/SQL Logic
Portals and Portlets	Defining Portal Content Areas
Building Portal Reports	Portal Administration
Advanced Reports Development	Portal security
Building Portal Forms	Implementing SSO
Advanced Forms Techniques	Monitoring Portal Performance
Enhancing Oracle Portal	

Call now: 252-767-6166

www.dba-oracle.com



Oracle Developer Advanced Forms and Reports

Curriculum Development: This Oracle Developer Advanced Forms and Reports training was designed by Donald K. Burleson. Author of more than 30 bestselling Oracle books, Burleson was chosen by Oracle Press to write five officially authorized books. With over a decade of real-world DBA experience in Oracle, Burleson shares real-world expert secrets and techniques for Oracle Developer Advanced Forms and Reports.

Description: This is an intensive hands-on Oracle Forms and Reports training class designed to teach the advanced features for Oracle systems development using Oracle 6i or Oracle 9i Forms. Through progressive hands-on exercises the students learn advanced productivity features of Oracle Developer Forms and Reports including control blocks, style templates, Forms Functions and triggers, and dynamic Forms techniques. The students also learn Oracle Forms standards and best practices to ensure that all code is easy to document and maintain.

Course Objectives: The student will learn SQL*Forms Standards and Best Practices. Specific goals include using SQL*Forms control blocks, using triggers, functions & advanced reports, Forms templates and other advanced topics.

Course: Oracle Developer Advanced Forms and Reports

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle Systems Development using Oracle Forms (6i or 9i) and Oracle Reports.

Target Audience: This course is ideal for any Oracle professional interested in Advanced Forms and Reports. This course is popular with Oracle developers and DBAs, but it is also useful for any technical staff that must interact with Oracle.

Course Book:
*Oracle Developer
Advanced Forms
and Reports*
Peter Koletzke, Paul
Dorsey
ISBN: 0072120487

Syllabus Topics:

Understanding Control Blocks
Blocks based on views
Block Based on a Procedure
Block Based on FROM Clause Query
Blocks Based on Transactional Triggers
Oracle Forms Standards and Best Practices
Understanding the Forms Development Process
Guidelines for Forms Development
Forms Naming Conventions
Code Placement Standards
Using Triggers & Functions

Advanced Reports
Advanced Template Forms
Constructing the Forms Template System
Genericizing Objects and Code
Object Library Elements
Style Specific Templates
Deploying Forms on the Web
Populating List Items Dynamically
Working with Global Variables
Dynamic Base Table changes
Creating Customized Sign-on Form

Call now: 252-767-6166
www.dba-oracle.com



Oracle Forms & Reports Development

Curriculum Development: This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle training.

Description: Troubleshooting and Debugging Oracle Forms is an intensive two-day, three-day or five-day course designed to provide Oracle professionals with the much needed guidance in troubleshooting and debugging Oracle Forms. The course will cover common error messages and help students to understand the best approach in finding useful answers.

Course Objectives: By the end of this course the student will be able to troubleshoot and debug common error messages encountered with Oracle Forms Development. The student will also become knowledgeable in how to formulate hypotheses to solve uncommon problems encountered during the project lifecycle.

Course: Oracle Forms & Reports Development

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle Developers who have basic experience with Oracle Forms Developer and the use of a relational database. Prior experience with Oracle is not required, but experience using Oracle Forms highly desirable.

Target Audience: Ideal for any Oracle professional who needs to learn to troubleshoot and debug Oracle forms, see forms Runtime Diagnostics and understand error messages. Popular with Oracle developers and DBAs it is also useful for any technical staff that interacts with Oracle.

Course Books:

Syllabus Topics:

Introduction to Troubleshooting
Debugging Oracle Forms
Basics of Error Messages
How to Read Error Messages
Check for form_success
"Message" Built-in
Using the Break Built-in
Using the Debugger
Commenting out Code
Stepping Through Code

Using the PL/SQL Editor
Using SQL Trace
The generic FRM-
92050/92100/92101/92102
FRM- 40505 Unable to Perform Query
FRM- 40735 – No Data Found/
Unhandled Exception
FRM 40209 bad format catch all
FRM – 40509 Oracle unable to update
Record

Call now: 252-767-6166

www.dba-oracle.com



Develop Dynamic Web Pages with Oracle PHP

Curriculum Development: This course was designed by Steve Karam, a former Senior Instructor with Oracle University and one of less than two hundred Oracle Certified Masters.

Description: Oracle PHP Development is a three-day hands-on course, which presents a wide array of useful tools for any developer. These tools are all native to PHP and include quick data retrieval, easy forms and reports, and dynamic code using object oriented classes.

Course Objectives: Designed for beginning to intermediate web developers, this course aims to bring fast web development to any Oracle house seeking to put their data on the Internet. In order to provide easy and quick data access and manipulation, objects are used for loading and unloading data dynamically for minimal development time.

Hands-on exercises are used to demonstrate the many features of PHP with Oracle, including the installation and use of Zend Core for Oracle, the new optimized PHP technology specifically made with the Oracle developer in mind.

Course: Develop Dynamic Web Pages with Oracle PHP

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for the working Oracle professional and previous Oracle developer and HTML experience can be helpful.

Target Audience: This course is popular with Oracle developers and DBAs, but it is also useful for any technical staff that must interact with Oracle.

Course Book:
Easy Oracle PHP:
Create Dynamic Web Pages with Oracle Data
Mladen Gogala
ISBN: 0-9761573-0-6



Syllabus Topics:

Basic coding structures using classes vs. procedural code
Dynamic PHP classes to query and manipulate data objects
Built in PHP Oracle functions for quick forms and reports
Install and use Zend Core for Oracle
PHP Data Types & statements
Using HTML tidy
Inside the PHP5 Object Model
PHP OCI8 library
Connecting to Oracle database in PHP
Executing SQL statements in PHP

Using LOB and REF cursors with OCI8 module.
Accessing Oracle with PEAR
Connecting to Oracle database using PEAR
Accessing Oracle with ADOdb
Executing SQL statements from PHP
Using prepare and bind in PHP
LOB & REF cursors with ADOdb
Open Source Software using Oracle and PHP
Installing PHP, PEAR and ADOdb
Installing PHP/Oracle on Linux
Installing PHP/Oracle on Windows

Call now: 252-767-6166
www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166



Oracle XML Programming

Curriculum Development: This course was designed by Steve Karam, a former Senior Instructor with Oracle University and one of less than 200 Oracle Certified Masters.

Description: Oracle XML is a two-day course providing a clear understanding of quick and easy methods to generate and parse XML for use with Oracle. The tools to accomplish this are built into Oracle 9i and 10g using supplied system packages. Easily reproducible exercises will be utilized to show students the many features of XML within Oracle that they can put to use immediately for data distribution and loading.

Course Objectives: Learn how to quickly use standard queries to generate XML that can be used for basic web services and data migration. Parsing using Oracle procedures will also be taught, allowing developers to bring XML data directly into Oracle without third party resources. In addition, students will learn how to query XML objects using Oracle Text, which allows text searches of XML that can be drilled down using XPath or attribute searches.

Course: Oracle XML Programming

Duration: Two (2) days

Cost: \$6,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for the working Oracle professional and previous Oracle developer and HTML experience can be helpful.

Target Audience: Designed for Oracle developers and DBAs alike.

Course Books:
Building Oracle XML Applications
Steve Muench
ISBN: 1565926919

Syllabus Topics:

Produce XML output using standard SQL queries
Store validated XML in an Oracle database
Searching XML data in a broad or granular fashion
Parse XML into standard row and column data

Call now: 252-767-6166
www.dba-oracle.com



Upgrading to Oracle 11g

Curriculum Development: This Upgrading to Oracle 11g training course was designed by Donald K. Burleson. This is an intensive 2 day Upgrading to Oracle 11g training overview, customized according to your exact training needs.

Description:

- * Learn the most important Oracle 11g new features and when to use them.
- * Understand how to leverage the automatic DBA features.
- * See how the Automated Workload Repository (AWR) places important tuning information at your fingertips.
- * Use the Automated Session History (ASH) tables to quickly find performance bottlenecks.
- * Understand how to use the Automatic Database Diagnostic Monitor (ADDM).
- * Learn how to implement the SQL Tuning and SQL Access advisor tools.

Course: Upgrading to Oracle 11g Training

Duration: 2 day class

Cost: \$3,000.00 per class day

Size: Up to 20 Students

Prerequisites: This upgrading to 11g training course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is designed for Oracle DBA and Developer staff. IT managers will also find it beneficial.

Suggested Reading:



Oracle 11g New Features

Get Started Fast with Oracle 11g Enhancements
Steve Karam, Brian Carr, et al.
ISBN: 0-9797951-0-9

Syllabus Topics

Oracle 11g DBA new features
Interval partitioning for tables
New load balancing utilities
Improved table/index compression
Improved NFS data file management
Server side connection pooling
RMAN UNDO bypass
Capture/replay database workloads
Scalability Enhancements
Virtual columns
Partitioning by logical object and automated partition creation.
LOB's - New high-performance LOB features.
Automatic Diagnostic Repository (ADR)
New Oracle 11g Advisors

Enhanced Read only tables
Oracle 11g High Availability & RAC new features
Hot patching
OEM Oracle 11g new features:
Oracle 11g language & PL/SQL New Features
Improved sequence management
Oracle 11g SQL New Features
The /*+result_cache*/ SQL hint
SQL Replay
Improved SQL execution Plan Management
Dynamic SQL
Fully Automatic SQL Tuning
Oracle 11g Performance new features
Oracle 11g security & auditing new features

Call Now: 800-766-1884
www.dba-oracle.com

Call now to book your Corporate Oracle Training 800-766-1884

www.dba-oracle.com



Oracle Performance Tuning

Curriculum Development: This course was designed by Donald K. Burleson, a leader in Oracle SQL tuning. Burleson was chosen by Oracle Press to write the authorized edition of Oracle High-Performance SQL tuning. Burleson has over a decade of experience in SQL tuning and shares his secrets in this intense hands-on Oracle SQL tuning training.

Description: Introduction to SQL Programming and Tuning is an intensive hands-on course that is designed to give the student maximum exposure to Oracle SQL. The student learns by doing, and this class has dozens of in-class exercises and the student will be guided from very simple SQL commands to increasingly complex SQL tuning techniques.

Course Objectives: By the end of this course the student should be able to formulate advanced SQL queries including correlated subqueries and outer joins. The student will also become familiar with the internals of Oracle9i SQL and will be able to use the EXPLAIN PLAN utility to tune SQL statements.

Course: Oracle Performance Tuning

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

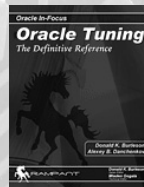
Size: Up to twenty (20) students

Prerequisites: Prior experience with Oracle is not required, but experience using SQL with a relational database is desirable.

Target Audience: This is an indispensable class for any Oracle DBA or developer who needs to understand how to optimizer Oracle performance.

Course Books:

Oracle Tuning:
The Definitive Reference
Donald K. Burleson
ISBN:0-9744486-2-1



Syllabus Topics:

The Oracle Relational Database
Inside the Oracle Architecture
Data storage
Flat-file data storage (BFILE, external tables)
Spreadsheet file access
Introduction to Oracle Tables
Index organized tables
Introduction to Oracle Indexes
Using SQL*Plus
Using SQL*Worksheet
Procedural programs with PL/SQL
SQL Processing
Oracle data dictionary
The X\$ fixed tables

The DBA Views
The v\$ views
Running dictionary scripts
Syntax of SQL
Report generation with SQL*Plus
Views: encapsulation of complex queries
Using the DBA_VIEWS view
Problems combining views
Introduction to DDL and DML
Oracle Schema components
Referential Integrity
Read consistency, locking & DML
PL/SQL Language structures
PL/SQL Packages and Procedures

Call now: 252-767-6166

www.dba-oracle.com



Oracle Grid Administration & Management

Curriculum Development: This Oracle10g Grid training was designed by Donald K. Burleson. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. He shares his Oracle secrets in this intense hands-on Oracle training.

Description: This is an intensive hands-on Oracle10g Upgrade overview. This course is a comprehensive overview of Oracle10g, taught by leading Oracle10g trainers. This course examines all Oracle10g new features with an eye on those features that are the most important to Upgrading to Oracle10g.

Course Objectives The students will learn the most important 10g Grid features and when to use them including installation, configuration, performance monitoring and tuning.

Course: Oracle Grid Administration & Management

Duration: Four (4) days

Cost: \$12,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle 10g Grid is not required, but experience using Oracle database is highly desirable.

Target Audience: This is an indispensable class for any Oracle DBA or developer who needs to understand Oracle Grid Administration & Management.

Course Books:

Oracle 10g Grid & Real Application Clusters

Mike Ault, Madhu Tumma

ISBN 0-9744355-4-6



Syllabus Topics:

Intro to Grid Cluster Technology
Oracle 10g Grid Design Considerations
Oracle RAC Grid Cluster Guard
Understanding Blade Servers
The Globus Toolkit
Open Grid Services Architecture
High Performance Computing Clusters
Clusterizing Applications
Grid Clustered Systems
Grid Server and Disk Technology
RAW Partitions and Cluster File System
Storage Technology and Redundancy
Cluster File System (CFS)
Server Redundancy

Grid Installation and Configuration
Installation & Creation of Database
Overview of Cache Fusion
Grid Backup and Recovery
Standby Databases
Performance Monitor & Tuning
Migration to Grid Databases
Architecture of Oracle Real Application Clusters Guard
Configuration of OEM for Grid
GRID Control Utility
Grid Application Deployment
Oracle Grid & RAC Integration
Oracle Grid Ready Database

Call now: 252-767-6166

www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166

21

www.dba-oracle.com



Oracle Database Administration and Management

Curriculum Development: This course was designed by Don Burleson, a working Oracle DBA with many years of real world Oracle experience. Author of more than 30 books on Oracle performance tuning, this course focuses on the important Oracle DBA skills to get you started fast.

Description: Introduction to Oracle Administration and Management is a five-day hands-on course specifically designed to provide Oracle professionals with an in-depth understanding of how to manage a complex Oracle database. Topics include Oracle storage management, security, and monitoring, partitioning and advanced Oracle DBA topics.

Course Objectives:

By the end of this course the student will have a functional understanding of the roles and duties involved in Oracle database administration and be able to perform basic Oracle DBA tasks.

Course: Oracle Performance Tuning

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for computer professional who needs to understand the concepts, architecture and tools required to be an Oracle DBA. The student should understand basic relational database concepts such as SQL before enrolling in this training.

Target Audience: This course is ideal for Oracle developers, Oracle DBAs, Oracle web developers and IT computer professional who needs to understand the management internals of an Oracle database.

Course Books:

*Oracle
Administration and
Management*

Mike Ault
John Wiley & Sons
Publishing
ISBN: 0471354538

Syllabus Topics:

Instance Architecture	Database Maintenance
SGA Architecture	Monitoring Oracle
Background processes	Oracle Utilities
Control file management	Dictionary and v\$ views
UNDO and REDO logs	File and tablespace structures
Users and privileges	Table structures
Initialization file management	Index structures
Listener configuration	Object-oriented Oracle
TNS names configuration	Oracle Object Structures
Data buffer configuration & sizing	STATSPACK AWR performance
Shared pool configuration & Sizing	Bottleneck performance analysis
Starting and stopping Oracle	Tuning at the Instance Level
Enterprise Manager (OEM)	CBO behavior
Schema, File & tablespace management	SQL Tuning tips & tricks

Call now: 252-767-6166

www.dba-oracle.com



Linux Oracle Database Administration

Curriculum Development: This course was designed by Donald K. Burleson, Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle Linux Administration Handbook and High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle Linux training.

Description: This course is an introduction to using Linux in the Oracle environment. The focus of the course is on how Linux applies to the Oracle developer and DBA, and all course examples are drawn from Oracle. The instructor for this course is the author of Oracle Linux Administration by Oracle Press. The course will cover the basic Linux commands, and build on the foundation, eventually showing the student how to write Korn shell scripts that access the Oracle database.

Course Objectives: By the end of this course the student should be able to execute complex Linux commands on a server, and retrieve data from Oracle and write scripts to manage Oracle in Linux. The student will learn important Linux commands for Oracle administration, the OFA standard for all Oracle Linux systems.

Course: Linux Oracle Database Administration

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle and want to understand how to access and manage Oracle on a Linux environment.

Target Audience: This course is useful for Oracle developers, Oracle DBAs, Linux system administrators, and anyone who must access Oracle on Linux.

Course Books:

Oracle UNIX Administration Handbook

Donald K Burleson

ISBN: 0072223049

Syllabus Topics:

Introduction to the Linux architecture
Linux shells
Building Linux commands
Kernel parameters and Oracle
Monitoring Linux with vmstat
RAM memory internals in Linux
Swap disk definition
RAM demands of Oracle
CPU usage and Oracle in Linux
Linux task dispatching
Using the nice command
Disk I/O monitoring in Linux
Using raw devices in Linux

Linux Network considerations
Monitoring DBWR and OPQ
Dedicated connections and Linux
Server exception reports & alerts
Reporting status of Linux file systems
File cleanup
Monitoring Linux file systems with scripts
Setting Oracle file permissions
Default file permissions & Sticky bits
Creating ancillary Oracle directories
Monitoring Oracle file systems
Oracle job scheduling in Linux
Linux scripts to access Oracle

Call now: 252-767-6166

www.dba-oracle.com



Oracle RMAN Backup & Recovery Class

Curriculum Development: This Oracle RMAN training was designed by Robert Freeman, an acknowledged leader in Oracle database administration and author of eight popular Oracle books, including Oracle®i RMAN Backup & Recovery and the bestselling Oracle®i New Features book.

Description: This Oracle RMAN course is an intensive hands-on course is designed to provide Oracle professionals with an in-depth understanding of the backup & recovery features of Oracle, specific Oracle concepts and knowledge required for RMAN and tips and techniques success. This course covers all of the Oracle backup & recovery topics including Oracle export & import utilities, Oracle Recovery Manager (RMAN) and point-in-time recoveries. Hands-on exercises are used to demonstrate each feature of RMAN and the student will gain first-hand experience in the key Oracle backup & recovery concepts.

Course Objectives: The student will learn proper Oracle backup & recovery planning and architecture and get hands-on experience using the Oracle export and import utilities. The students will also successfully install and configure RMAN and perform real recoveries, including point-in-time Oracle database recoveries.

Course: Oracle RMAN Backup & Recovery Class

Duration: Four (4) days

Cost: \$12,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: The course assumes a basic knowledge of computer programming techniques, relational database concepts, SQL, and basic Oracle architecture.

Target Audience: This Oracle RMAN training is designed for the practicing Oracle professional but it is useful to anyone interested in learning Oracle backup & recovery. This includes Systems Administrators, Oracle developers, Oracle DBAs, Oracle web developers and anyone who needs to understand how to backup & recover an Oracle database.

Course Books:
Oracle RMAN Backup & Recovery
Robert G. Freeman
ISBN: 0072226625

Syllabus Topics:

A bulletproof backup strategy
Effective backup and recovery strategies
Archivelog vs. noarchivelog
Types of failures
Configure database archiving
Backup the Oracle Database
Physical Oracle backups
Steps to perform cold backup
Steps to perform hot backup
Logical Oracle backup
Using export/import
Types of complete recovery
Incomplete Oracle Database recovery
Comparison of RMAN methods

Maintenance of the recovery catalog
Tools for troubleshooting problems
Error log and Trace files
Detection of corrupt blocks
LogMiner & Flashback utility
Creating a standby database
Flash recovery area
Oracle flashback database
Disk topology & performance tuning
Automatic datafile creation
Recovery through resetlogs
Fast incremental backups
Improved RMAN reporting V\$ views
Cross-platform tablespace conversion

Call now: 252-767-6166

www.dba-oracle.com



Oracle Network Topology and Administration

Curriculum Development: This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle Networking training.

Description: This Oracle Networking course introduces Oracle*Net features and covers all areas of Oracle Network Administration including tnsnames.ora, Oracle database links.

Course Objectives: The student will learn all areas of Oracle networking and troubleshooting and get hands-on experience in managing all components of Oracle network connectivity. Topics include networking log and trace files, Oracle*Net features developing a network topology debugging with ping and tnsping, creating tnsnames.ora, protocol.ora and sqlnet.ora files, configuring & managing the listener and defining remote connectivity between Oracle databases.

Course: Oracle Network Topology and Administration

Duration: Four (4) days

Cost: \$12,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for the working Oracle professional and the amount of previous experience with Oracle is incidental. Previous experience with relational database management and SQL is helpful, but this class is self-contained and has no formal prerequisites.

Target Audience: This is an indispensable class for any Oracle DBA or developer who needs to understand Oracle SQL and PL/SQL.

Course Books:

Syllabus Topics:

Evolution of network topologies
Networks of networked computers
The fifth-generation architecture
Service names
Database Links
Remote table joins
The transparent network substrate (TNS)
Oracle's TNS architecture
Inter-database communication
Application connection with SQL*Net
Oracle*net internals
Oracle network tools
The protocol.ora file
Sqlnet.ora and tnsnames.ora files

Process-level inter-DB connections
listener.ora and LSNRCTL
Defining the listener trace levels
Routing connection requests
Setting up multiple protocol listeners
Proper tnsnames.ora management
Oracle*Names Control Utility
Connection Manager (CMAN)
Using Logging and Tracing
Security in the Network
Auditing and database links
Encryption and checksumming
The Kerberos Authentication Adapter
Standard LDAP Password Verifiers

Call now: 252-767-6166

www.dba-oracle.com



Oracle Replication Administration & Management

Curriculum Development: This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on training.

Description: Oracle Replication Administration & Management is an intensive hands-on course that is designed to give the student maximum exposure to Oracle Replication. This Oracle replication class can also be customized according to your specific needs.

Course Objectives: The goals are for the student to learn the internal mechanisms of Oracle snapshot refreshing, understand how to leverage Oracle multimaster replication, see the underlying Oracle views for monitoring replication and streams learn the architecture of Oracle multimaster replication and Oracle10g Streams, create working examples of snapshots, error detection scripts and conflict resolution.

Course: Oracle Replication Administration & Management

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: While prior experience with Oracle is not required, experience using Oracle database is highly desirable.

Target Audience: This course is designed for professionals who have basic experience with Oracle.

Course Books:

Oracle Streams
High Speed Replication and Data Sharing
Madhu Tummala
ISBN 0-9745993-5-2



Oracle Replication
Snapshot, Multi-master & Materialized Views Scripts
John Garmany & Robert Freeman
ISBN 0-9727513-3-5



Syllabus Topics:

- The Oracle Replication Architecture
- Database links
- Basics of distributed updates
- Inside the two-phase commit
- Snapshot vs. Multi-master Replication
- Manual Replication techniques
- Installing Oracle Advanced Replication
- Read-Only Snapshot architecture
- Restrictions of read-only snapshots
- Snapshot Creation Basics
- Creating and managing snapshot logs
- Refresh Groups for snapshots
- Using Oracle Updateable Snapshots
- Defining Updateable Snapshots
- Defining refresh intervals
- Updateable Materialized Views
- Scripts to measure pending updates
- Auto-correct script broken snapshot
- Using Oracle Procedural Replication
- Oracle Multi-Master Replication
- Restriction & limitations MMR
- Defining Replication Groups
- Defining propagation rules
- Replication data definitions (DDL)
- Conflict Avoidance in replication
- Referential Integrity with replication
- Introduction to Oracle Streams
- LogMiner

Call now: 252-767-6166

www.dba-oracle.com



Oracle Streams Administration & Management

Curriculum Development:

This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle Streams new features training.

Description: This hands-on Oracle Streams training is special because this course is taught by a veteran Oracle Certified DBA with more than 20 years of full-time experience. This Oracle Streams class can also be customized according to your specific needs.

Course Objectives: The student will learn expert secrets for high speed data replication. Topics will include successful installation and configuration techniques, using Oracle Streams to create a reliable failover database, achieving global data sharing and seamless data replication, managing subscribed destinations, customizing data apply functions and using rule-based propagation and data transformations

Course: Oracle Streams Administration & Management

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is specifically designed for Oracle DBA and developer staff and IT managers will also find the course valuable.

Course Books:

Oracle Streams
*High Speed Replication
and Data Sharing*
Madhu Tamma
ISBN 0-9745993-5-2



Syllabus Topics:

Global Operations
Heterogeneous Systems
Data Synchronization
AQ – Advanced Queuing
Summarization of Data
Advanced Replication
Advanced Queuing
Streams Components and Processes
Hot Mining and Cold Mining
Queuing and Dequeuing
DownStreams Capture
Change Data Capture
Supplemental Logging
Source Database Changes

User Application Message
Data Types for Replication
Capture Rules configuration
Contexts & Transformations
Oracle Data Pump for Instantiation
Export and Import for Instantiation
Capture Mechanism Data Types
Supplemental Logging
Troubleshooting and Monitoring
Conflict Detection & resolution
Monitoring Streams Data Flow
CDC – Change Data Capture
Downstream Capture
Log Transportation Services

Call now: 252-767-6166
www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166

27

www.dba-oracle.com



Oracle Data Guard Administration & Management

Curriculum Development: This course was designed by Donald K. Burleson, author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning. Burleson has over a decade of real-world DBA experience in Oracle features and shares his Oracle secrets in this intense hands-on Oracle10g new features training. Burleson also served as the Editor for the premier book Oracle Data Guard Standby Database Failover Handbook by Rampant TechPress.

Description: This course examines all Oracle Data Guard features with an eye on those features that are the most important to you. This hands-on Oracle Data Guard training is special because this course is taught by a veteran Oracle Certified DBA with extensive Data Guard experience. This Oracle Data Guard class can also be customized according to your specific needs.

Course Objectives: The student will learn secrets for Data Guard implementation standby and failover and understand the Oracle10g Data Guard architecture, use the Recovery Manager, see expert troubleshooting Tips and Techniques and perform Data Guard administration and monitoring.

Course: Oracle Data Guard Administration & Management

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is specifically designed for Oracle DBA and developer staff and IT managers will also find the course valuable.

Course Books:

Oracle Data Guard

Standby Database

Failover Handbook

Bipul Kumar

ISBN 0-9745993-8-7



Syllabus Topics:

Standby Database Concepts
Data Guard vs. RAC and Streams
Types of Standby Databases
Load Balancing
Operational Constraints
Lifecycle of Standby Database
Data Guard Apply Modes
Data Guard Broker Architecture
Transport Network Substrate
Physical Standby Database
Creating Physical Standby Database
Creating Logical Standby Database
Standby Database Administration
Monitor Physical Standby Database

Propagating Unrecoverable Operation
Resolving Archive Gap Sequence
Administration of Logical Standby
Log Transport Services
Log Management Policies
Log Transport Service Transmission
Standby Database Protection Modes
Switchover And Failover
Types Of Database Role Transitions
Using Data Guard Broker
Performance Tuning Of Data Guard
Tuning Log Transfer Service
Tuning Log Apply Services
Using RMAN for Standby Database

Call now: 252-767-6166

www.dba-oracle.com



Oracle Data Warehouse Design & Management

Curriculum Development: This course was designed by Donald K. Burleson, an acknowledged leader in Oracle database administration. Author of more than 30 database books, Burleson was chosen by Oracle Press to write five authorized editions, including Oracle High-Performance SQL tuning.

Description: This course is designed to give the student a firm conceptual understanding of the goals and techniques that are used in data warehousing. The seminar explains the concepts and techniques in plain English, and strips away all of the marketing hype to give the student a clear understanding of how to construct a data warehouse using the new technologies. The seminar begins with a historical review of data warehousing and explains the basic construction techniques for data warehousing and contrasts them with traditional online teleprocessing systems.

Course Objectives: Via numerous in-class exercises, the student will leave this seminar with an understanding of data warehouse design techniques for relational databases, including STAR schema design, the pre-aggregation of data, and online analytical processing (OLAP). In addition, the student will understand multidimensional databases, and be able to understand how they are created and maintained.

Course: Oracle Data Warehouse Design & Management

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: Previous experience with relational database management and SQL is helpful, but this class is self-contained and has no formal prerequisites.

Target Audience: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Course Books:

Syllabus Topics:

DSS vs. Expert systems	STAR schema design
Ad-hoc ("what if") queries	De-normalization
Non-procedural queries (more like this)	Pre-joining tables
Summarization & drill-down	The Role of Metadata
Multi-dimensional databases	Data extraction and cleansing
Data mining conceptual overview	Referential integrity and data cleansing
Parallel processors and terabyte storage	Sizing the Data Warehouse
Hardware & Software advances	Forecasting future size requirements
MPP & SMP architectures	Evaluating warehouse tools & products
AI-based query engines	Seeing past the marketing hype
Parallel database software	Robust functionality/extensibility
Multi-dimensional databases	Site-specific data warehouse issues
Enterprise computing architectures	
Introduction to data warehouse design	

Call now: 252-767-6166

www.dba-oracle.com



Oracle Privacy Security Auditing

Curriculum Development: This course is designed by Donald K. Burleson, an acknowledged leader in Oracle auditing techniques. Burleson was chosen by Oracle Press to write four of the authorized Oracle Press editions on Oracle database management.

Description: Oracle Auditing is an intensive three-day course designed to provide auditing professionals with an in-depth understanding of how to audit all areas of Oracle databases. Designed by a world-leading Oracle auditing professional and author of HIPAA Auditing for Oracle Database Security, this course teaches all areas of Oracle auditing including auditing Oracle security, auditing Oracle access controls, auditing Oracle recoverability, auditing data integrity, and auditing security exposures.

Course Objectives: By the end of this course the student should be able to describe the methods for controlling security within an Oracle database, and have an understanding of the concepts behind Oracle auditing for security, Oracle auditing for recoverability, Oracle HIPAA auditing, and Oracle auditing for data integrity.

Course: Oracle Privacy Security Auditing

Duration: Three (3) days

Cost: \$9,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing auditors with some IT technical skills. Prior experience with Oracle is not required, but experience using SQL with a relational database is highly desirable.

Target Audience: This course is designed for practicing Oracle professionals who need to understand how to audit Oracle databases.

Course Books:

Oracle Privacy Security Auditing

Donald K. Burleson
& Arup Nanda

ISBN: 0-9727513-9-4



Syllabus Topics:

Auditing access methods
Testing database access controls
Monitoring data access
Auditing database recoverability
Auditing backup & Recovery
Ensuring continuous availability
Auditing data integrity
Auditing for redundant data
Auditing techniques for Oracle
Oracle grant security auditing
Oracle grant execute security auditing
Oracle virtual private databases
Oracle data integrity auditing
Auditing Oracle recoverability

Auditing Oracle disaster recovery
Overview of grant execute security
Definer and invoker rights
Auditing grant execute security
Oracle role-based security
System privileges and object privileges
Auditing distributed databases
Oracle auditing for data integrity
Oracle referential integrity auditing
Oracle materialized views
Oracle redo log management
Auditing data privacy (HIPAA)
Oracle fine-grained auditing
Managing audit trails

Call now: 252-767-6166

www.dba-oracle.com



Oracle Application Server 10g Administration

Curriculum Development: This course was designed by Donald K. Burleson and John Garmany, leaders in Oracle9iAS & Oracle Application Server administration. Authors of more than 30 database and application server books, Burleson and Garmany were chosen by Oracle Press to write the authorized edition for the Oracle application Server 10g Administration Handbook..

Description: This is an intensive hands-on Oracle Application Server 10g administration overview. This course focuses on end-to-end administration of the Application Server 10g, from planning, installation, monitoring and tuning, maintaining the metadata repository, security, and backup & recovery.

Most clients choose to customize the content according to their specific Oracle Application Server components, all course material can be taught for Oracle9iAS or Oracle Application Server 10g versions. Course topics may include in depth coverage of Oracle Application Server Best Practices, Oracle Application Server Installation & Configuration, Oracle Application Server monitoring & troubleshooting Oracle Application Server Backup & Recovery

Course Objectives: The goals of this class are for the student to understand Oracle Application Server Architecture & infrastructure, Application Server Tuning, and backup & recovery.

Course: Oracle Application Server 10g Administration

Duration: Five (5) days

Cost: \$15,000.00 plus travel expenses

Size: Up to twenty (20) students

Prerequisites: This course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle Application Server 10g Administration is not required, but some experience using Oracle database is highly desirable.

Target Audience: This course is specifically designed for Oracle DBA and developer staff and IT managers will also find the course valuable.

Course Books:

*Oracle Application Server
10g Administration
Handbook*

John Garmany &
Donald K. Burleson
ISBN: 0-0722295-8-6

Syllabus Topics:

Architectural Overview
Application Server Components
Application Server 10g Installation
OEM Application Control
Oracle Application Server 10g Infrastructure
Oracle Internet Directory (OID)
Introduction to LDAP
Oracle Directory Manager
Oracle HTTP Server (OHS)
OHS Configuration and Server Logs
Using Container Directives
OHS Performance Tuning
Oracle Web Cache Administration
Using Webcachectl

Java 2 Enterprise Edition Architecture
JAR, WAR, & EAR Files
Database Connectivity
Java Database Connectivity
Dynamic SQL and SQLJ
Planning for High Availability
Multiple Web Cache administration
Clusters and Farms
Hot (online) Application Deployment
Transparent Application Failover
App Server 10g Performance Tuning
Using Dmstool & Aggrespy
AS10g Security
Backup and Recovery

Call now: 252-767-6166

www.dba-oracle.com

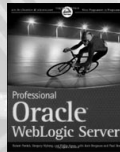


WebLogic Administration

- * Learn from a working WebLogic expert with extensive hands-on experience in busy production environments.
- * Understand the most important WebLogic features and when to implement specific features.
- * Understand how to install, configure and customize WebLogic according to your own workload.
- * See how to optimize the kernel parameters for your WebLogic server for optimal performance.
- * Learn how to adjust the WebLogic parameters to suit your specific workload demands.
- * Understand how to use the WebLogic Diagnostic Framework (WLDiF) to troubleshoot and diagnose WebLogic problems.
- * See how to create, configure and manage WebLogic users.
- * Understand how to implement bullet-proof security for your WebLogic server and application.
- * See real-world examples of WebLogic performance tuning techniques.
- * Understand how to backup and recover your WebLogic components.
- * Learn how to use the Oracle WebLogic server with Goldengate.

Course:

WebLogic Administration Training

Duration: 5 day class**Cost:** \$3,000.00 per class day**Size:** Up to 20 Students**Prerequisites:** This WebLogic training course is designed for practicing Oracle professionals who have basic experience with Oracle database and Oracle middleware. Prior experience with Oracle is not mandatory, but experience using Oracle database will be helpful.**Target Audience:** This course is designed for Oracle DBA and Developer staff. IT managers will also find it beneficial.**Suggested Reading:**

*Professional Oracle
WebLogic Server*
Wrox Publishing
2009
ISBN 978-0470484302

Syllabus Topics:

WebLogic architecture
WebLogic Systems Modules
WebLogic command interfaces
WebLogic Java components
WebLogic security overview: best practices, SSL, wallets and certificates
WebLogic System Management
Oracle WebLogic Installation and Configuration:
Oracle WebLogic capacity planning
Oracle WebLogic Server Sizing
Oracle WebLogic installation
Create a Default Web Application
Overview of WebLogic security
Configure the WebLogic work manager
Oracle WebLogic and Java
Oracle WebLogic plug-in's
WebLogic HTTP Server

WebLogic Administration Console
Installing WebLogic service packs
Using the WebLogic command-line Interface
Creating WebLogic Domains
Using the WebLogic Scripting Tool (WLSST)
Oracle WebLogic maintenance:
Installing WebLogic patches
WebLogic Instance Management
WebLogic clustering
Oracle WebLogic security
Deploying new WebLogic Applications
WebLogic Performance Tuning
Concurrent request monitoring and tuning with the WebLogic work manager

Call Now: 800-766-1884
www.dba-oracle.com



Migrating to Oracle

Curriculum Development: This Migrating to Oracle training course was designed by Donald K. Burleson. This is an intensive 3 day Migrating to Oracle training overview, customized according to your exact training needs.

Description:

This is an intensive 3-day Migrating to Oracle from other relational databases. The course topics are customized to meet your needs and can focus on migrating from Sybase, migrating to Oracle from SQL Server (MS-SQL), migrating to Oracle from Mysql or migrating to Oracle from DB2.

Course:

Migrating to Oracle Training

Duration: 3 day class

Cost: \$3,000.00 per class day

Size: Up to 20 Students

Prerequisites: This Migrating to Oracle training course is designed for practicing professionals who have basic experience with relational databases. Prior experience with Oracle is not required, but experience using databases is highly desirable.

Target Audience: This course is designed for DBA and Developer staff. IT managers will also find it beneficial.

Suggested Reading:



Migrating to Oracle
*Expert Secrets for
Migrating from SQL
Server and MySQL*
Ben Prusinski
ISBN: 978-0-9797951-6-9

Syllabus Topics

Introduction to Database Migration
Overview of the Oracle Migration
Workbench
Installation of Oracle Migration
Workbench
Installation of the APEX Migration
Workbench
Configuration Tasks for Oracle Migration
Workbench
How to Perform Online Capture with
Oracle Migration Workbench
How to Perform Offline Capture with
Oracle Migration Workbench
The steps of mapping the Source Model
to Target Database
Oracle Migration Testing

Understanding SQL Developer and
Oracle Migration Workbench utilities
Manual database migration
Migrating indexes to Oracle
Migrating to PL/SQL
Optional Oracle Migration Topics
MS-SQL SL Server SQL to Oracle
SQL
Migrating MySQL SQL to Oracle
SQL
Migrating DB2 SQL to Oracle SQL
Changing C programs to access
Oracle
Changing PHP programs to access
Oracle

Call Now: 800-766-1884
www.dba-oracle.com

Call now to book your Corporate Oracle Training 800-766-1884

www.dba-oracle.com



Oracle 11g Developer New Features

Curriculum Development: This Developer 11g new features training course was designed by Donald K. Burleson. This is an intensive 3, 4 or 5 day Developer 11g new features training overview, customized according to your exact training needs.

Description:

- * Learn the most important 11g new features and when to use them.
- * Learn important new 11g features for SQL and PL/SQL.
- * Learn and understand 11g new features for Oracle forms and reports.
- * Understand the important new architecture changes in 11g.
- * Learn important new JAVA features in Oracle 11g.
- * See the new XML features in Oracle 11g.

Course:

Oracle 11g Developer New Features Training

Duration: 3, 4 or 5 day class

Cost: \$3,000.00 per class day

Size: Up to 20 Students

Prerequisites: This 11g developers course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is designed for Oracle DBA and Developer staff. IT managers will also find it beneficial.

Suggested Reading:



Oracle 11g New Features
Get Started Fast with Oracle 11g Enhancements
Steve Karam, Brian Carr, et al.
ISBN: 0-9797951-0-9

Syllabus Topics

OEM - Enterprise Manager Oracle 11g new features
Oracle 11g New Features Programming Language Support
Oracle 11g PL/SQL New Features
Oracle SQL optimizer (CBO)
Oracle 11g SQL New Features
HTML-DB 11g Enhancements
Oracle 11g Business Intelligence & OLAP
Oracle 11g data mining
Advanced Replication Interface
Clone Database Enhancements
Workspace Manager
11g PL/SQL New Features
Cross-Session PL/SQL Function Result Cache

SQL PIVOT and UNPIVOT Operators
Regular Expressions Enhancements
Result Cache Hint
HASH OUTER JOINS
Inside the 11g SQL Performance Analyzer
Extended Optimizer Statistics
Automatic Diagnostic Repository
Oracle 11g Security Enhancements
Intelligent LOB Encryption with Secure File LOBs
Oracle 11g Change Management
RAT - Real Application Testing
SQL Performance Analyzer (SPA)
Oracle 11g Flashback
Oracle Total Recall

Call Now: 800-766-1884
www.dba-oracle.com



Introduction to Oracle Fusion

Curriculum Development: This Upgrading to Oracle 11g training course was designed by Donald K. Burleson. This is an intensive 2 day Upgrading to Oracle 11g training overview, customized according to your exact training needs.

Description:

The Oracle Fusion Architecture is based on two components within Oracle, the Oracle grid database (real application clusters), the Service Oriented Architecture (SOA), via the Oracle SOA suite release 11, which includes the following products:

- Oracle JDeveloper 10g
- Oracle Business Rules
- Oracle BPEL Process Manager
- Oracle Business-to-Business Integration
- Oracle Business Activity Monitoring
- Oracle Web Services Manager
- Oracle Service Bus
- Oracle Complex Event Processing

The Oracle fusion architecture is a collection of these tools which can be used in an infinite number of ways. This two day Oracle Fusion training class is an overview of all of the components of Oracle Fusion and how they fit together. At the end of this Oracle Fusion training course the student will understand the functional areas of Oracle fusion at a high level and understand how to deploy the components to develop a systems development framework.

Course:

Introduction to Oracle Fusion Training

Duration: 2 day class

Cost: \$3,000.00 per class day

Size: Up to 20 Students

Prerequisites: This upgrading to 11g training course is designed for practicing Oracle professionals who have basic experience with Oracle. Prior experience with Oracle is not required, but experience using Oracle database is highly desirable.

Target Audience: This course is designed for Oracle DBA and Developer staff. IT managers will also find it beneficial.

Suggested Reading:



Oracle 11g New Features

Get Started Fast with Oracle 11g Enhancements
Steve Karam, Brian Carr, et al.
ISBN: 0-9797951-0-9

Syllabus Topics

Introduction to Oracle fusion technology
All about SOA
All about Oracle Grid computing
Oracle JDeveloper 10g
Oracle Business Rules
Oracle BPEL Process Manager
Oracle Business-to-Business Integration
Oracle Business Activity Monitoring
Oracle Web Services Manager
Oracle Service Bus
Oracle Complex Event Processing
Oracle Java and fusion

Call Now: 800-766-1884
www.dba-oracle.com

Call now to book your Corporate Oracle Training 800-766-1884

www.dba-oracle.com



Oracle Warehouse Builder

This class focuses on understanding OWB Workflow and the Warehouse Builder viewer to allow students to get started fast with Oracle Warehouse Builder. Hands on exercises include examples of using Oracle Warehouse Builder for data cleansing, using Oracle Warehouse Builder for OLAP integration and implementing complex Oracle Warehouse Builder ETL management and job scripting.



Oracle Discoverer Administration

This hand-on class provides in-depth coverage of the Workflow and the Discoverer viewer, Discoverer reporting, using the end-user layer. It also covers creating and manipulating Discoverer workbooks and worksheets, tips for creating robust data warehouse schemas and OLAP and ROLAP.



Oracle Systems Analysis

This seminar teaches you systems analysis from the ground-up. Using real-world examples, and in-class exercises, the student builds a firm foundation that can be applied to any system, regardless of the complexity. The first day of this seminar will introduce the basic concepts of Oracle systems analysis, including data flow diagrams, process logic specifications and data dictionaries.

Complex analysis techniques such as decision support analysis and object-oriented analysis will be explained in plain English, and the student will gain an in-depth understanding of how to create a sound logical foundation for systems design.



Object-Oriented Oracle Technology for Oracle Professionals

This class is indispensable for anyone who wants to understand a painless way to enter object technology. This very practical seminar shows you how to apply object techniques to relational databases. The class will introduce the concepts of Object Technology and give practical examples of how polymorphism, encapsulation, overloading, and inheritance can be applied within Oracle.

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com



Managing Distributed Databases

This class will introduce the concepts of distributed database technology and provide a strong foundation for applying proven management techniques to distributed database systems. Managing distributed client-server databases, managing distributed access control, and managing concurrent updates will be covered with an emphasis on practical solutions to complex problems. Distributed database connectivity, and distributed object technology will also be covered. Day two will cover the backup and recovery techniques for distributed databases, distributed system security and auditing, performance and tuning for distributed systems, and future trends within distributed systems.



Logical Database Design

This intense hands-on course is designed to be a concise and understandable introduction into logical database design. This course teaches logical database design from the ground-up to ensure success and get your students started fast.

The student builds a firm foundation of logical database design principles that can be applied to any data model, regardless of its complexity. This course is indispensable for anyone faced with the challenge of designing a database system who does not have time to earn a master degree in mathematics and wade through the complex and obtuse world of database design theory.



Advanced Tips for Oracle Tuning

This Oracle Tuning training is for experienced DBA's and covers tips and tricks for top-down Oracle tuning. Topics include server-level tuning, global instance tuning, tuning the Oracle initialization parameters, Oracle object-level tuning and expert tips for Oracle SQL tuning.



Oracle SQL for End-users

Advanced SQL for Oracle is an intensive four-day course designed to provide Oracle professionals with an in-depth understanding of the Oracle SQL and SQL*Plus. The student will also learn how to formulate and tune SQL statements for optimal performance.

This intensive course explores all of the advanced concepts and techniques with Oracle8 SQL. The course covers advanced SQL query formulation including correlated sub-queries and nested SQL statements. The students will also learn the SQL*Plus and will learn the tricks for formatting and executing reports that extract data directly from Oracle.

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com



Oracle Distributed Object Technology

This two-day seminar provides a practical understanding of the role of distributed objects, and how the new vendor offerings are revolutionizing system architectures. A conceptual overview will be presented, introducing how Object Technology is used to create seamless interfaces to many diverse platforms and databases. Polymorphism, inheritance and encapsulation will all be explained with an emphasis on their application within distributed object systems.

This practical, plain English seminar will look at the major distributed object offerings, including the OMG's Common Object Request Broker Architecture (CORBA), IBM's Distributed System Object Model (DSOM), and Microsoft's Object Linking and Embedding (OLE).



Artificial Intelligence for IT Professionals

Artificial Intelligence was once exclusively the bastion of theoretical computer science. However, today, AI has stepped out of the ivory tower and is making inroads into the mainstream of Information systems technology.

Advances in intelligent text searching, tools for parsing human English, and simulated cognition and reasoning are now becoming incorporated into mainstream systems, many of which are available on the Web.

This class is designed to make the IT professional technologically aware of the areas of AI that are beginning to permeate mainstream systems. This high-level technology seminar will examine the state of AI in the IT marketplace and examine those areas that will have the greatest application for emerging technology. The use of Artificial Intelligence includes E-Commerce, Data Warehousing and Online Services will be examined with a eye toward the use of AI in commercial IT areas of Finance, marketing and retail sales.



Oracle OLAP Administration

This is a concise and understandable course to learn about multidimensional databases and OLAP without all of the theoretical jargon and double-talk. This seminar teaches you about multidimensional databases from the ground-up. Using real-world examples, and in-class exercises, the student builds a firm foundation that can be applied to any data warehouse project, regardless of the complexity. This course is indispensable for anyone faced with the challenge of using a multidimensional database for data warehousing, data mining, or Online Analytical Processing (OLAP).



Oracle Databases on the Web

This is an intense two-day overview of Oracle databases on the web. Topics center on HTML-based Oracle data delivery (APEX, PHP, HTML-DB, XML) and Oracle Application Server, Apache and Oracle web cache. Students will have hands-on exercises interfacing Oracle using PHP, XML and HTML-DB.

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com

Comments about BC Oracle training

"I love your books !!! Keep up the great work, your expert advice has saved our customers a boatload of time and money."

Tom Strelka, Honeywell Corporation

"You were crisp in your delivery; answered the questions as if you had received the questions weeks ago and could prepare your answers. I am impressed!"

Jame Gaston, Rochester, NY

"Wow, I had no idea tuning/performance could be such great entertainment material. You were the highlight of the forums, thanks for being there! Everyone I talked to gave you raves, you need a bigger room next year."

M. J. Allen, San Diego Data Processing Corporation

"Don Burleson is one of the most exciting and dynamic instructors that we can get"

Scott Petit, AIM Institute

"This guy can come back anytime. A great instructor; the class responded well to him. Having the power point slides bound for us to read and take notes is very helpful. Teaches with enthusiasm, encourages class participation, and has the class work exercises that help people learn the concepts."

Lockheed Martin

"I have heard nothing but stellar feedback from the trainees. This was well worth conducting, and I am looking forward to the next session. Again, thank you very much. This has been money well spent."

Sony Entertainment

Call for assistance 252-767-6166

Visit us online www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com

Customize your Oracle Training

One of the greatest benefits of using an experienced on-site course is your ability to customize your training content. Every shop is different and a one-size-fits all course many not be right for you.

Burleson Consulting allows you to customize your Oracle training courses by choosing from over 50 of our one-hour training segments.



BC can customize your training to give your staff exactly the training that they require. We have some of the top Oracle experts in the industry and BC instructors have authored more than 50 bestselling Oracle books.

BC is affiliated with Rampant TechPress, publisher of over 40 Oracle books, and we can use Rampant book content to create courseware that is customized according to your exact needs.



The BC mix-and-match approach is the perfect solution for on-site Oracle training guarantees that you get exactly the topics that you want without any of the fluff and superfluous topics found in generic Oracle classroom training.

Just call and you can work with an experienced Oracle DBA to arrange your custom Oracle training solution.

Call for assistance 252-767-6166

Visit us online www.dba-oracle.com

Call now to book your Corporate Oracle Training 252-767-6166

www.dba-oracle.com