



ORACLE 9i, 10G, 11i, 11g – IT110 380 hours

ORACLE 9i COURSE CURRICULUM – 100 hours

I. Exam 1Z0-007: Introduction to Oracle 9i: SQL

OCA Curriculum

Program Overview:

and Oracle have jointly developed e-Learning content on Oracle's leading relational database technology. Oracle certifications are some of the most sought after in the Information Technology industry. The Associate credential represents the entry level for the Oracle certification program, and is a first step for those pursuing Professional or Master credentials. Students who achieve the Oracle 9i DBA Associate Credential can demonstrate a foundation level knowledge of Oracle 9i database administration.

Target Audience:

The Oracle 9i Database Administrator Certified Associate credential is aimed at the level of those working as junior members of Oracle database administration teams.

Prerequisites:

Students should be familiar with data processing concepts, and be able to use a graphical user interface.

Requirements:

Students must pass the following exam requirements to attain an Oracle OCA 9i credential: 1Z0-007, and 1Z0-031

- [Introducing Oracle and SQL](#)
- [Subqueries, Reporting and User-Access Control](#)
- [SQL Functions](#)
- [Defining and Manipulating Data](#)



II. Exam 1Z0-031: Oracle9i Database Fundamentals I

- [Architecture and Administration Tools in Oracle9i](#)
- [Database and Instance Management in Oracle9i](#)
- [Database Structures in Oracle 9i](#)
- [Data Storage in Oracle9i](#)
- [Tables and Indexes in Oracle9i](#)
- [Data Integrity in Oracle9i](#)
- [Users and Profiles in Oracle9i](#)
- [Privileges and Roles in Oracle9i](#)
- [Globalization and Auditing in Oracle9i](#)

OCP Curriculum: Requires OCA certification.**

III. Exam 1Z0-032: Oracle9i Database: Fundamentals II

Program Overview:

and Oracle have jointly developed e-Learning content on Oracle's leading relational database technology. Oracle certifications are some of the most sought after indications of credibility in the Information Technology marketplace. The OCP identifies competency in intermediate and advanced Oracle database administration skills.

Target Audience:

The Oracle 9i Database Administrator Certified Professional credential is aimed at the level of those who have progressed beyond the OCA (Associate) level certification and who have gotten hand-on experience in database administration.



Prerequisites:

Student should already be OCA 9i accredited. Those who have not taken their first OCP exam prior to September 1st 2002, and are not already OCP-accredited (in version 7.3, 8.0 or 8i), must attend one instructor-led class or instructor-led online course offered at an Oracle University center or at an Oracle Authorized Education Center or Partner.

Requirements:

Candidates pursuing Oracle9i DBA OCP must pass the following two exams: 1Z0-032, and 1Z0-033

- [Networking Overview for Oracle9i Administrators](#)
- [Oracle Network Configuration in Oracle9i](#)
- [Backup and Recovery Overview and Configuration in Oracle9i](#)
- [User-Managed and RMAN Backup and Recovery in Oracle9i](#)
- [Recovery Manager Maintenance in Oracle9i](#)
- [Transporting and Loading Data in Oracle9i](#)

IV. Exam 1Z0-033: Oracle9i Performance and Tuning

- [Performance Tuning Methodology and Tools in Oracle9i](#)
- [Tuning Memory Structures in Oracle9i](#)
- [Tuning Database Structures in Oracle9i](#)
- [Tuning Systems and Applications in Oracle9i](#)



Also Available:

Exam 1Z0-030: Oracle9i Database: New Features for Administrators

Program Overview:

In order to make the process of staying current as an Oracle Certified technical professional, those already certified on previous releases of Oracle may upgrade to each future release by simply completing one migration exam. For example, one exam upgrades the Oracle7.3 credential to Oracle8, one exam upgrades the Oracle8 credential to Oracle8i, and one exam upgrades the Oracle8i credential to Oracle9i.

Target Audience:

Oracle certified technical professional Database Administrators

Prerequisites:

Must be already certified on previous releases of Oracle

Requirements:

Students must pass the following exam requirement to attain an Oracle 9i upgrade credential, 1Z0-030.

- [Introducing Oracle9i Database](#)
- [Manageability Enhancements in Oracle9i](#)
- [Availability Features in Oracle9i](#)
- [Scalability and Performance in Oracle9i](#)
- [Development Platform in Oracle9i](#)
- [Security Overview for Oracle9i Administrators](#)

Oracle 10G Training– 130 hours

ORACLE APPLICATION SERVER 10g OCA CURRICULUM



ORACLE APPLICATION SERVER 10G: ADMINISTRATION I (OCA 1Z0-311)

Oracle Application Server 10g is a comprehensive solution for developing, integrating, and deploying enterprise-level applications, portals, and Web sites. It provides all the middleware services needed to deploy and manage applications and Web services, deliver personalized applications through enterprise portals and mobile devices, provide real-time business intelligence, integrate applications, and automate business processes.

To earn the Oracle Application Server 10g OCA credential, candidates must pass one computer-based examination (1Z0-311) on content related to the skill set and job role of an entry-level database administrator operating Oracle Application Server 10g. The exam is taken in a proctored environment.

- [Oracle Application Server 10g: Introduction](#)
- [Oracle Application Server 10g: Infrastructure and Middle Tier Installation](#)
- [Oracle Application Server 10g: Management Tools and Oracle Internet Directory](#)
- [Oracle Application Server 10g: General Management and Directives for the HTTP Server](#)
- [Oracle Application Server 10g: OracleAS Web Cache](#)
- [Oracle Application Server 10g: OracleAS Portal](#)
- [Oracle Application Server 10g: mod_plsql, CGI Scripts, and Database Providers](#)
- [Oracle Application Server 10g: Application Management and Deployment](#)
- [Oracle Application Server 10g: Component Administration in Oracle Internet Directory](#)
- [Oracle Application Server 10g: DAS and SSO](#)
- [Oracle Application Server 10g: Component Security with SSL](#)
- [Oracle Application Server 10g: Oracle Certificate Authority Management](#)



ORACLE APPLICATION SERVER 10G: ADMINISTRATION II (OCP 1Z0-312)

Oracle Application Server 10g is a comprehensive solution for developing, integrating, and deploying enterprise-level applications, portals, and Web sites. It provides all the middleware services needed to deploy and manage applications and Web services, deliver personalized applications through enterprise portals and mobile devices, provide real-time business intelligence, integrate applications, and automate business processes.

To earn the Oracle Application Server 10g OCP credential, candidates must pass the OCA and one additional computer-based examination (1Z0-312) on content related to the skill set and job role of an entry-level database administrator operating Oracle Application Server 10g. The exam is taken in a proctored environment.

- [Oracle Application Server 10g: Managing Customized Topologies and Distributing Infrastructure Components](#)
- [Oracle Application Server 10g: High Availability](#)
- [Oracle Application Server 10g: Managing and Configuring Clusters](#)
- [Oracle Application Server 10g: Business Intelligence Component Management](#)
- [Oracle Application Server 10g: XML Applications, Web Services, and Monitoring](#)
- [Oracle Application Server 10g: Tuning and Reconfiguring the Middle Tier](#)
- [Oracle Application Server 10g: Backup and Recovery](#)

ORACLE 10g OCA CURRICULUM

Test #1Z0-042 Oracle Database 10g: Administration I

Program Overview:

and Oracle have jointly developed e-Learning content on Oracle's leading relational database technology. Oracle certifications are some of the most sought after indications of credibility in the Information Technology marketplace.

Target Audience:

Anyone wanting to learn about Oracle Database 10g database administration



Prerequisites:

An understanding of database concepts and technologies

Requirements:

Candidates pursuing this certification must pass the following exam: 1Z0-042.

- [Oracle Database 10g: Installing Oracle Database 10g](#)
- [Oracle Database 10g: Creating Databases](#)
- [Oracle Database 10g: Database Interfaces](#)
- [Oracle Database 10g: Database Control and Storage Structures](#)
- [Oracle Database 10g: Users and Security](#)
- [Oracle Database 10g: Managing Schema Objects and Data](#)
- [Oracle Database 10g: The SQL* Loader and PL/SQL](#)
- [Oracle Database 10g: Oracle Net Services and Shared Servers](#)
- [Oracle Database 10g: Monitoring and Maintenance](#)
- [Oracle Database 10g: Managing Undo Data and Lock Conflicts](#)
- [Oracle Database 10g: Managing Backup and Recovery](#)

ORACLE 10g OCP CURRICULUM

Test #1Z0-043 Oracle Database 10g: Administration II

Program Overview:

and Oracle have jointly developed e-Learning content on Oracle's leading relational database technology. Oracle certifications are some of the most sought after indications of credibility in the Information Technology marketplace.



Target Audience:

Oracle database administrators and database operators

Prerequisites:

Experience in Oracle database administration; mastery of Associate level content for Oracle 10g; proficiency in programming with SQL and PL/SQL

Requirements:

Candidates pursuing this certification must pass the following exam: 1Z0-043

- [Using Flashback Technology in Oracle 10g](#)
- [Performing and Managing Backups in Oracle 10g](#)
- [Advanced Database Recovery and Repair in Oracle 10g](#)
- [Controlling the Oracle Listener and Enabling Distributed Transactions](#)
- [Using Globalization Support in Oracle 10g](#)
- [Optimizing Database Performance in Oracle 10g](#)
- [Managing Storage and System Resources in Oracle 10g](#)
- [Using the Scheduler to Automate Tasks in Oracle 10g](#)
- [Using Advanced Features in Oracle 10g](#)

ORACLE 10g UPGRADE CURRICULUM

Test #1Z0-040: Oracle Database 10g: New Features for Administrators

Program Overview:

and Oracle have jointly developed e-Learning content on Oracle's leading relational database technology. Oracle certifications are some of the most sought after indications of credibility in the Information Technology marketplace.



Target Audience:

Oracle 8i or 9i certified professionals who wish to upgrade to Oracle Database 10g certification; developers interested in the technical aspects of Oracle Database 10g

Prerequisites:

Experience in the administration of Oracle 8i or 9i databases

Requirements:

Candidates pursuing this certification must pass the following exam: 1Z0-040.

- [Oracle Database 10g: New Installation and Configuration Features](#)
- [Oracle Database 10g: New Data Loading Features](#)
- [Oracle Database 10g: New Automatic Management and Management Infrastructure Features](#)
- [Oracle Database 10g: New Resources, Scheduling and Task-Management Features](#)
- [Oracle Database 10g: New Space Management Features](#)
- [Oracle Database 10g: New Storage Features](#)
- [Oracle Database 10g: New Tuning, Performance-Monitoring and Analysis Features](#)
- [Oracle Database 10g: New Backup and Recovery Features](#)
- [Oracle Database 10g: Using Flashback](#)
- [Oracle Database 10g: New Features in Security and Software Maintenance](#)
- [Oracle Database 10g: New Features in VLDB Support](#)
- [Oracle Database 10g: Miscellaneous New Features](#)



ORACLE 11i CURRICULUM– 150 hours

Test #1Z0-232 Oracle 11i e-Business Suite: System Administrator Fundamentals

Students will learn concepts and functions that are critical to the System Administrator role. They learn information useful for implementing and managing the 11i E-Business Suite. Tasks covered include setting up security and user management, concurrent processing, profiles, and workflows; also how to personalize Oracle E-Business Suite Forms and HTML pages. They will learn how to monitor and audit an E-Business Suite system. The System Administrator Fundamentals course is a part of the Learning Path for Implementation Consultants and provides the foundation needed to effectively control security and ensure smooth operations for an E-Business Suite installation.

- [Oracle 11i: Function Security and Data Security](#)

- [Oracle 11i: Roles, Delegated Administration, Registration, and Auditing](#)

- [Oracle 11i: Concurrent Elements](#)

- [Oracle 11i: Profile Options, DBA Duties, and Printer Management](#)

- [Oracle 11i: Personalization of Forms and OA Framework Pages](#)

- [Oracle 11i: Oracle Workflow](#)

- [Oracle 11i: System Monitoring and Troubleshooting in OAM](#)

Test #1Z1-200 Oracle 11i e-Business Suite: Essentials for Implementers

This course covers all the essential areas that a functional implementer should know to start the journey with Oracle Applications. Students learn about the major components of the 11i E-Business Suite architecture. They will be able to recognize the shared entities within 11i E-Business Suite. The key business flows and integration points between products in 11i E-Business Suite is covered in this course. The tasks covered include defining and creating flex fields. The Multi Org model and its key implementation constraints are introduced to the learner. In addition, students are given an overview of Oracle Workflow, the components that comprise workflow, and how to monitor a process.

- [Oracle 11i E-Business Suite: Introduction](#)

- [Oracle 11i E-Business Suite: Multi-Org](#)

- [Oracle 11i E-Business Suite: Flexfields](#)



- [Oracle 11i E-Business Suite: System Administration](#)
- [Oracle 11i E-Business Suite: Workflow, Alerts, and Daily Business Intelligence](#)

Oracle 11i: Project Foundation Fundamentals

Oracle Project Foundation provides the common features and setup shared across the products in the Oracle Enterprise Project Management solution. Oracle Enterprise Project Management provides a set of applications that help companies deliver global projects by integrating and managing project information. It enables all persons at all levels of the enterprise to participate and collaborate on the projects at appropriate levels in a centralized environment.

- [Oracle 11i: Project Management and Projects Integration](#)
- [Oracle 11i: Organization, Period, and Calendar Definitions in Oracle Projects](#)
- [Oracle 11i: Resource and Role Management](#)
- [Oracle 11i: Oracle Projects Security Model and Page Layouts](#)
- [Oracle 11i: Oracle Projects and Task Definition I](#)
- [Oracle 11i: Oracle Projects and Task Definition II](#)
- [Oracle 11i: User-Defined Attributes, Implementation Options, and Utilization](#)
- [Oracle 11i: Organization Forecasting and Integration](#)

Oracle 11i: Navigate Oracle Applications

To define responsibilities and recognize Navigator functionality, enter and work with data using forms, and search for information with Oracle Applications online help

- [Oracle 11i: Using the Navigator, Forms, and Online Help](#)
- [Oracle 11i: Concurrent Processing, Requests, Profiles, and Forms](#)



ORACLE 11g CURRICULUM

Test #1Z0-050 Oracle Database 11g: New Features for Administrators

With this course students will have the opportunity to learn about, and practice with the new change management features and other key enhancements in Oracle Database 11g. Examine the benefits and use of the new features in managing change, diagnosing and recovering from problems, ensuring high availability, improving scalability and performance, strengthening security, and several other areas that are a concern to database administrators.

- [Oracle Database 11g: Installation and Upgrade Enhancements](#)
- [Oracle Database 11g: Storage Enhancements](#)
- [Oracle Database 11g: Change Management Overview and SQL Plan Management](#)
- [Oracle Database 11g: Database Replay and Automatic SQL Tuning](#)
- [Oracle Database 11g: Intelligent Infrastructure Enhancements](#)
- [Oracle Database 11g: Performance Enhancements](#)
- [Oracle Database 11g: Partitioning and Storage-Related Enhancements](#)
- [Oracle Database 11g: Using RMAN Enhancements, Flashback and LogMiner](#)
- [Oracle Database 11g: Diagnostic Enhancements and Using the Data Recovery Advisor](#)
- [Oracle Database 11g: New Security Features](#)

Test #1Z0-051 Oracle Database 11g: SQL Fundamentals I

This course introduces students to the fundamentals of SQL using Oracle Database 11g database technology. In this course students learn the concepts of relational databases and the powerful SQL programming language. This course provides the essential SQL skills that allow developers to write queries against single and multiple tables, manipulate data in tables, and create database objects.

- [Oracle Database 11g: Using SQL to Query Your Database](#)



- [Oracle Database 11g: Conversion Functions, Group Functions, and Joins](#)
- [Oracle Database 11g: Subqueries, Set Operators, and Data Manipulation](#)
- [Oracle Database 11g: Using DDL, Views, Sequences, Indexes, and Synonyms](#)

Test #1Z0-047 Oracle Database 11g: SQL Expert

Students will learn to demonstrate the complete set of skills required for working with the powerful SQL programming language and will master the key concepts of a relational database. They will learn to use the advanced features of SQL in order to query and manipulate data within the database, control privileges at the object and system level, and use advanced querying and reporting techniques. They will be able to manipulate large data sets and understand storing and retrieving dates according to different time zones.

- [Oracle Database 11g: Using SQL to Query Your Database](#)
- [Oracle Database 11g: Conversion Functions, Group Functions, and Joins](#)
- [Oracle Database 11g: Subqueries, Set Operators, and Data Manipulation](#)
- [Oracle Database 11g: Using DDL, Views, Sequences, Indexes, and Synonyms](#)
- [Oracle Database 11g: Controlling User Access and Managing Schema Objects](#)
- [Oracle Database 11g: Data Dictionary Views and Large Data Sets](#)
- [Oracle Database 11g: Managing Data in Different Time Zones](#)
- [Oracle Database 11g: Using Subqueries and Regular Expressions](#)

Test #1Z1-052 Oracle Database 11g: Administration Workshop I

This course is designed to give students a firm foundation in basic administration of Oracle Database 11g. Learn how to install and maintain Oracle Database 11g, and gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. Learn how to create an operational database and properly manage the various structures in an effective and efficient manner including performance monitoring, database security, user management, and backup/recovery techniques.



- [Oracle Database 11g: Database Architecture and Installation](#)
- [Oracle Database 11g: Database Creation, Instance Management, and Connectivity](#)
- [Oracle Database 11g: Storage Structures and User Security](#)
- [Oracle Database 11g: Managing the Schema, Data, and Concurrency](#)
- [Oracle Database 11g: Managing Undo Data, Database Security, and Maintenance](#)
- [Oracle Database 11g: Performance Monitoring, Recovery Concepts and Backup](#)
- [Oracle Database 11g: Recovering, Moving, and Enhancing the Oracle Database](#)

Test #1Z1-053 Oracle Database 11g: Administration Workshop II

This course takes the database administrator beyond the basic tasks covered as part of the Oracle Database 11g: Administration Workshop I course. In this course, students gain a much deeper understanding of possibly the most important job of a DBA, such as backup and recovery, tuning, scheduling jobs, controlling and managing resources such as memory.

- [Oracle Database 11g: Database Architecture and ASM](#)
- [Oracle Database 11g: Configuring for Recovery](#)
- [Oracle Database 11g: Configuring for Backups](#)
- [Oracle Database 11g: Using RMAN for Recovery](#)
- [Oracle Database 11g: Supporting RMAN and Using Flashback Technology](#)
- [Oracle Database 11g: Diagnosing the Database and Managing Memory](#)
- [Oracle Database 11g: Database Performance and Space Management](#)
- [Oracle Database 11g: Managing Resources and Task Automation](#)



- [Oracle Database 11g: Globalization](#)

Not for Certification.

Oracle Database 11g: SQL and PL/SQL New Features

This course teaches the student to recognize the scope and capabilities of enhancements to SQL and PL/SQL, including tools such as SQL*Plus and SQL Developer, and use them to create reports and scripts, browse and manage database objects, find sub patterns, and track dependencies

- [Oracle Database 11g: Getting Started with SQL and PL/SQL New Features](#)
- [Oracle Database 11g: Using Dynamic SQL and Implementing Performance Improvements](#)
- [Oracle Database 11g: Using Trigger, Data Warehousing, and Pivoting Enhancements](#)
- [Oracle Database 11g: Using the PL/SQL Debugger, Collections and Data Warehousing](#)

Oracle Database 11g: SQL Fundamentals II

This course teaches the student to recognize the steps for controlling user access to objects and also for maintaining these objects by dropping columns and adding constraints and indexes.

- [Oracle Database 11g: Controlling User Access and Managing Schema Objects](#)
- [Oracle Database 11g: Data Dictionary Views and Large Data Sets](#)
- [Oracle Database 11g: Managing Data in Different Time Zones](#)
- [Oracle Database 11g: Using Subqueries and Regular Expressions](#)



Oracle Database 11g: PL/SQL Fundamentals

This course teaches the student to identify the steps for getting started with PL/SQL, recognizing the benefits of the available tools, creating basic statements, declaring variables, testing code, and adhering to scoping and nesting rules.

- [Oracle Database 11g: PL/SQL Variables, Attributes, and Executable Statements](#)
- [Oracle Database 11g: Using DML, DDL, Cursors, Control Structures, and Loops](#)
- [Oracle Database 11g: Using Data Types, INDEX BY Tables, and Cursors in PL/SQL](#)
- [Oracle Database 11g: Working with Exceptions, Subprograms, JDeveloper, and REF Cursors](#)

Oracle Database 11g: Developing Program Units

This course teaches the student to develop, execute and manage PL\SQL stored program units like procedures, functions, packages and database triggers.

- [Oracle Database 11g: Subprograms, Packages, and Exception Handling in PL/SQL](#)
- [Oracle Database 11g: Packages, Dynamic SQL, and Coding Considerations in PL/SQL](#)
- [Oracle Database 11g: Using Triggers, the PL/SQL Compiler, and Managing Code](#)
- [Oracle Database 11g: Managing PL/SQL Code and Dependencies](#)