

 uCertify

# Course Outline

---

Oracle Database 11g:  
Administration I - OCA



Lesson



Practice test

## Contents

1. Course Objective

2. Pre-Assessment

3. Exercises, Quizzes, Flashcards & Glossary

Number of Questions

4. Expert Instructor-Led Training

5. ADA Compliant & JAWS Compatible Platform

6. State of the Art Educator Tools

7. Award Winning Learning Platform (LMS)

8. Chapter & Lessons

Syllabus

Chapter 1: Introducing Oracle Database 11g Components and Architecture

Chapter 2: Creating an Oracle 11g Database

Chapter 3: Allocating Database Storage and Creating Schema Objects

Chapter 4: Understanding Network Architecture

Chapter 5: Implementing Security and Auditing

Chapter 6: Managing Data and Undo

Chapter 7: Maintaining the Database and Managing Performance

Chapter 8: Implementing Database Backups

Chapter 9: Recovering the Database

Chapter 10: Moving Data and Using EM Tools

Videos and How To

9. Practice Test

Here's what you get

Features

10. Post-Assessment

## 1. Course Objective

The Oracle Certified Associate (OCA) credential is the first step toward achieving the Oracle Certified Professional (OCP) certification. OCA shows that you have the fundamental knowledge and skills to support an Oracle Database 12c database. It is required part to the certification and is a core exam for Oracle Database 11g Administrator Certified Professional and Oracle Database 11g Administrator Certified Master.

## 2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

## 3. Exercises, Quizzes, Flashcards & Glossary

Each lesson comes with Exercises, Flashcards & Quizzes. There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding. Flashcards help master the key concepts while Glossary defines the key terms.

### Number of Questions



800

Over 800 unique questions including pre-assessment, quizzes, exercises, and post assessment.

## 4. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 5. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act ) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 6. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 7. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 3 years:

- **2014**
  1. Best Postsecondary Learning Solution
  
- **2015**
  1. Best Education Solution
  2. Best Virtual Learning Solution
  3. Best Student Assessment Solution
  4. Best Postsecondary Learning Solution
  5. Best Career and Workforce Readiness Solution
  6. Best Instructional Solution in Other Curriculum Areas
  7. Best Corporate Learning/Workforce Development Solution
  
- **2016**
  1. Best Virtual Learning Solution
  2. Best Education Cloud-based Solution
  3. Best College and Career Readiness Solution
  4. Best Corporate / Workforce Learning Solution
  5. Best Postsecondary Learning Content Solution
  6. Best Postsecondary LMS or Learning Platform
  7. Best Learning Relationship Management Solution

## 8. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

## Syllabus

### Chapter 1: Introducing Oracle Database 11g Components and Architecture

- Overview
- Oracle Database Fundamentals
- Relational Databases
- Oracle Database 11g Objects
- Interacting with Oracle 11g
- Oracle 11g Architecture
- User Processes
- The Oracle Instance
- Oracle Storage Structures
- Installing Oracle 11g
- Review the Documentation
- Review the System Requirements
- Plan Your Install
- Using the Oracle Universal Installer
- Summary
- Exam Essentials
- Review Questions

### Chapter 2: Creating an Oracle 11g Database

- Overview
- Using DBCA to Create Oracle 11g Databases
- Working with Oracle 11g Metadata
- Managing Initialization-Parameter Files
- Starting Up and Shutting Down an Oracle Instance
- Monitoring the Database Alert Log
- Summary
- Exam Essentials
- Review Questions

### Chapter 3: Allocating Database Storage and Creating Schema Objects

- Overview
- Tablespaces and Data Files Overview
- Managing Tablespaces
- Managing Data Files
- Working with Schema Objects
- Summary
- Exam Essentials
- Review Questions

### Chapter 4: Understanding Network Architecture

- Overview
- Introducing Network Configurations
- An Overview of Oracle Net Features
- Configuring Oracle Net on the Server
- Configuring Oracle Net for the Client
- An Overview of Oracle Shared Server
- Oracle Shared Server Infrastructure
- Summary
- Exam Essentials
- Review Questions

### Chapter 5: Implementing Security and Auditing



- Overview
- Creating and Managing User Accounts
- Granting and Revoking Privileges
- Controlling Resource Usage by Users
- Auditing Database Activity
- Summary
- Exam Essentials
- Review Questions

## Chapter 6: Managing Data and Undo

- Overview
- Manipulating Data through SQL
- Identifying PL/SQL Objects
- Monitoring Locks and Resolving Lock Conflicts
- Leveraging Undo Management
- Summary
- Exam Essentials
- Review Questions

## Chapter 7: Maintaining the Database and Managing Performance

- Overview
- Proactive Database Maintenance
- Managing Performance
- Summary
- Exam Essentials
- Review Questions

## Chapter 8: Implementing Database Backups

- Overview
- Understanding and Configuring Recovery Components
- Performing Backups
- Summary

- Exam Essentials
- Review Questions

## Chapter 9: Recovering the Database

- Overview
- Understanding Types of Database Failure
- Performing Recovery Operations
- Summary
- Exam Essentials
- Review Questions

## Chapter 10: Moving Data and Using EM Tools

- Overview
- Understanding Data Pump
- Loading Data with SQL\*Loader
- Populating External Tables
- Using EM Support Workbench
- Using EM to Manage Patches
- Summary
- Exam Essentials
- Review Questions

## Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

48

VIDEOS

27

MINUTES

## 9. Practice Test

uCertify provides full length practice tests. These tests closely follow the exam objectives and are designed to simulate real exam conditions. Each course has a number of test sets consisting of hundreds of items to ensure that learners are prepared for the certification exam.

### Here's what you get

15

PRE-ASSESSMENTS  
QUESTIONS

14

FULL LENGTH TESTS

55

POST-ASSESSMENTS  
QUESTIONS

## Features

### Full Remediation

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

### Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

### Learn, Test and Review Mode

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

## 10. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

**Have Any Query? We Are Happy To Help!**

### GET IN TOUCH:

■ Call: +1-415-763-6300

■ Email: [sales@ucertify.com](mailto:sales@ucertify.com)

■ [www.ucertify.com](http://www.ucertify.com)