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## Oracle Database 11g: Administration Workshop I (D50079GC10)

**Duration: 5 Days    Course Code: O11GAWS1**

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### Overview:

This course is designed to give students a firm foundation in basic administration of Oracle Database 11g. In this class, students learn how to install and maintain Oracle Database 11g. Students gain a conceptual understanding of the Oracle database architecture and how its components work and interact with one another. Students 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. The lesson topics are reinforced with structured hands-on practices. Manage users

Manage storage structures

Backup and Recovery

Install and configure an Oracle database

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### Target Audience:

Database Administrators Support Engineer Developer Technical Administrator Database Designers

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### Objectives:

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|---|---------------------------------------|
| ■ Describe Oracle Database Architecture           | ■ Manage users and schemas            |
| ■ Install and configure Oracle Database 11g       | ■ Manage data and concurrency         |
| ■ Configure Oracle Net services                   | ■ Monitor and administer undo data    |
| ■ Manage the database storage structures          | ■ Backup and recover a database       |
| ■ Create and administer user accounts             | ■ Monitor performance                 |
| ■ Perform basic backup and recovery of a database | ■ Use the database diagnostic monitor |
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### Prerequisites:

■ Required Prerequisites:  
Working knowledge of SQL

■ Suggested Prerequisites:  
Oracle Database 11g: Introduction to SQL

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### Content:

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| ■ Exploring the Oracle Database Architecture | ■ Administering User Security           | ■ Performance Management          |
| ■ Preparing the Database Environment         | ■ Managing Schema Objects               | ■ Backup and Recovery Concepts    |
| ■ Creating an Oracle Database                | ■ Managing Data and Concurrency         | ■ Performing Database Backups     |
| ■ Managing the Oracle Instance               | ■ Managing Undo Data                    | ■ Performing Database Recovery    |
| ■ Configuring the Oracle Network Environment | ■ Implementing Oracle Database Security | ■ Moving Data                     |
| ■ Managing Database Storage Structures       | ■ Database Maintenance                  | ■ Enhancing Database Capabilities |
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### Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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