

# informattech



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IT MANAGEMENT AND CYBER SECURITY | IMCS-007

# Oracle Database Administration Professional

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# Course content

## Why Attend

Why Attend Oracle databases are widely used to support critical business systems and enterprise applications. Effective administration is essential for performance, security, backup reliability, and business continuity. This course provides participants with practical skills to manage Oracle database environments, optimize performance, and maintain secure operations.

Course Methodology Presentations, hands-on labs, demonstrations, case studies, guided practice, and troubleshooting workshops.

## Course Objectives

- Understand Oracle database architecture
- Install and configure Oracle databases
- Manage users, roles, and security
- Perform backup and recovery tasks
- Monitor and tune database performance
- Apply maintenance best practices

## Target Audience

- Database Administrators
- IT Support Staff
- System Engineers
- Technical Professionals

## Target Competencies

- Oracle DBA Skills
- Backup and Recovery



# Course content

## Target Competencies

- Performance Tuning
- Security Administration
- Troubleshooting

## Course outline

### Day 1: Oracle Database Foundations

- Oracle architecture overview
- Database instances and storage structures
- Installation and configuration basics
- Oracle tools and interfaces

### Day 2: User and Security Administration

- Creating users and roles
- Privileges and access control
- Password policies and auditing
- Security best practices

### Day 3: Backup and Recovery Management

- RMAN fundamentals
- Backup strategies
- Recovery scenarios
- Disaster recovery planning

### Day 4: Performance Monitoring and Tuning

- Monitoring tools and reports



# Course content

## Course outline

- Identifying bottlenecks
- Memory and SQL tuning
- Index and storage optimization

### Day 5: Maintenance and Troubleshooting

- Routine administration tasks
- Patch and upgrade planning
- Error diagnosis
- Final workshop and review



# Seminar dates

ORACLE  
Certified

## Available seminar dates

Live dates and pricing for Oracle Database Administration Professional generated from the course details page.

Date	Location	Format	Fee
Dates on request	Venue on request	Classroom	<b>Contact us</b>
<b>Live online option</b>		Online delivery is available at €1,850.-.	