

### ORACLE 10G DATABASE ADMINISTRATION FUNDAMENTALS

COMP-451

This course is designed to give the Oracle database administrator (DBA) a firm foundation in basic database administrative tasks. You will gain a conceptual understanding of the Oracle 10g database architecture and how the architectural structures work and interact with one another. You will also learn how to create an operational database and properly manage the various structures in an effective and efficient manner in order to have a well-designed and operational database. The instructor-led classes are reinforced with structured hands-on practices.

Prerequisite: COMP-450 Introduction to Oracle 10g SQL or equivalent knowledge/experience.

### ORACLE 10G DATABASE ADMINISTRATION FUNDAMENTALS 2

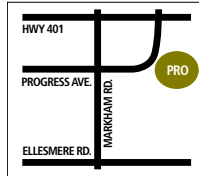
COMP-452

This course gives the Oracle database administrator (DBA) a firm foundation in fundamental database administrative tasks. Learn about loading and transporting for databases, and the utilities used to perform these activities. You will also be introduced to networking concepts and configuration parameters, as well as how to solve some common network problems. Examine backup methodologies based on business requirements in a mission critical enterprise. Use multiple strategies and Oracle Recovery Manager to perform backups, and restore and recovery operations.

Prerequisite: COMP-451 Oracle 10g Database Administration Fundamentals or equivalent knowledge/experience.

### How to find us

For details on campus locations, see [centennialcollege.ca/maps](http://centennialcollege.ca/maps)



PROGRESS CAMPUS  
941 Progress Ave.

### How to register

REGISTER with Enrolment Services in one of the following ways:

- online - [centennialcollege.ca/webreg](http://centennialcollege.ca/webreg) (credit card needed), or
- phone 416-289-5300 (credit card needed), or
- visit any campus Enrolment Services in-person, or
- fax a registration form to Enrolment Services at 416-289-5279 (credit card needed)

Register early; classes fill quickly!

[centennialcollege.ca/parttime/howtoregister](http://centennialcollege.ca/parttime/howtoregister)

### For more information:

Centennial College  
P.O. Box 631, Station A  
Toronto, Ontario, Canada M1K 5E9  
416-289-5207 or 416-289-5000, ext. 2247  
E-mail: [jdavis@centennialcollege.ca](mailto:jdavis@centennialcollege.ca)  
Web: [centennialcollege.ca/computers](http://centennialcollege.ca/computers)

CENTENNIAL  
COLLEGE

## Oracle Database Administration



Continuing Education – part-time evening and weekend courses and programs.

[centennialcollege.ca/parttime](http://centennialcollege.ca/parttime)

The Future of Learning

## Oracle Database Administration

Choice of two certificates

In an environment of multi-platform databases, Oracle is a powerful and reliable relational database management system for enterprise-wide integration of systems and applications – designed for experienced professionals who wish to broaden their areas of expertise as well as those who wish to begin new careers.

Our programs use Oracle 10g curriculum as specified by Oracle Corp. You need a minimum GPA of C+ to achieve the certificates.

In addition to Centennial College certification, successful graduates are well-prepared to write the Oracle examinations.

Certificate of Achievement in

## Oracle 10g Database Associate

Program Code 7354

The first step toward earning the highly respected Oracle Certified Professional (OCP) status is to earn the Oracle Certified Associate (OCA) credential. With 10g, Oracle has launched an apprentice skill level for the beginning IT professional, OCA, which provides foundational knowledge with Oracle technologies and credentials for entry-level employment opportunities. OCAs are qualified to be junior IT team members working with database administrators or application developers. The candidate will gain skill and ability through the combined efforts of Oracle hands-on training and on-the-job experience, leading first to the OCA and then the OCP. With each new credential earned, the candidate can expect increased job opportunities, higher pay and career growth.

### COMPLETION REQUIREMENTS

**Mandatory courses:**

Introduction to Database Concepts*	COMP-122
Introduction to Oracle 10g SQL*	COMP-450
Oracle 10g Database Administration Fundamentals I*	COMP-451

\*minimum C+ grade point average to achieve the certificate

For dates, times and costs, visit our website:  
[centennialcollege.ca/computers](http://centennialcollege.ca/computers)

For more information, please contact  
[jdavis@centennialcollege.ca](mailto:jdavis@centennialcollege.ca),  
416-289-5000, ext 2247.

For academic advice or transfer credit information,  
contact program supervisor Mohamed Khan,  
[mkhan@centennialcollege.ca](mailto:mkhan@centennialcollege.ca),  
416-289-5000 ext 8291.

Certificate of Achievement in

## Oracle 10g Database Administrator Professional

Program Code 7355

Once the OCA credential is obtained, you may pursue the next level of mastery – the Oracle Certified Professional. Oracle Certified Database Administrators have proven skills deploying and managing enterprise-wide databases. With experience, OCP DBAs are eligible for senior-level responsibilities. The OCP 10g DBA candidate needs to complete the following courses.

### COMPLETION REQUIREMENTS

**Mandatory courses:**

Introduction to Database Concepts*	COMP-122
Introduction to Oracle 10g SQL*	COMP-450
Oracle 10g Database Administration Fundamentals I*	COMP-451
Oracle 10g Database Administration Fundamentals II*	COMP-452

\*minimum C+ grade point average to achieve the certificate

### INTRODUCTION TO DATABASE CONCEPTS COMP-122

This course is intended to introduce students to business database systems, with an introduction to personal, client server and enterprise databases and database concepts. Learning topics will be reinforced using tools such as Oracle and Access. This course will include items such as table and field structure, table relationships and data access queries as well as an introduction to SQL.

### INTRODUCTION TO ORACLE 10G SQL COMP-450

This course offers an extensive introduction to data server technology. The class covers the concepts of both relational and object relational databases and the powerful SQL programming language. You are taught to create and maintain database objects and to store, retrieve, and manipulate data. Learn to retrieve data by using advanced techniques such as ROLLUP, CUBE, set operators, and hierarchical retrieval. Learn also to write SQL and SQL\*Plus script files using the iSQL\*Plus tool to generate report-like output. Demonstrations and hands-on practice reinforce the fundamental concepts.

Prerequisite: COMP-122 Introduction to Database Concepts or equivalent knowledge/experience.

