Miami-Dade Community College
COP2741 - Introduction to Oracle Database Administration

Course Description: This course is designed to give the Oracle database administrator (DBA) a firm foundation in basic administrative tasks. Through instructor-led learning, structured hands-on practices, and challenge-level exercise labs, the DBA will gain the necessary knowledge and skills to set up, maintain, and troubleshoot an Oracle7 or Oracle8 database.

4 Credits

Prerequisites and Corequisites :   COP2740 Introduction to Oracle: SQL and PL/SQL.

Course Competencies:

Competency 1:	The Student will manage an Oracle Instance by.

a.   starting up and shutting down an oracle instance and database
b.   identifying oracle architectural components
c.   managing tablespaces, segments, extents, and blocks

Competency 2:	The Student will manage users, privileges, and resources by.

a.   using administration tools
b.   managing users
c.   managing profiles
d.   managing privileges
e.   managing roles

Competency 3:	The Student will create an operational database by.

a.   creating a database
b.   creating data dictionary views and standard packages
c.   determining storage structure and relationships
d.   managing tables
e.   managing indexes
f.   loading and reorganizing data
g.   using national language support features

Competency 4:	The Student will manage Oracle database files.

a.   using clusters and index-organized tables
b.   managing tablespaces and data files
c.   managing rollback segments
d.   managing temporary segments
e.   maintaining data integrity

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by keeping the learner's needs at the center of decision making and working in partnership
with its dynamic, multi-cultural community.