

LOR CE Oracle DBA

LOR 8612 Oracle 12c: SQL Workshop 1 (0.5-0.5) 0.5 crs.

Offers an introduction to Oracle Database 12c technology. Explores concepts of relational databases and powerful SQL (structured query language) programming. Introduces essential SQL skills that allow developers to write queries against single and multiple tables, manipulate data in tables, and create database objects. Requires familiarity with data processing concepts and techniques. Recommended Preparation: Microsoft Access or equivalent knowledge. Experience with fundamentals of creating a relational database and the different table, form, query and report objects.

LOR 8613 Oracle 12c: Accelerated (1-2) 2 crs.

Teaches effective methods to install and manage an Oracle Database instance. Explains how to create a container database and provision pluggable databases to support business needs. Demonstrates how to configure the Oracle Network Environment to perform database maintenance. Provides key information to install and administer Oracle Database 12c. Recommended Preparation: LOR 8612 Oracle Database 12c: SQL Workshop I or equivalent knowledge. Working knowledge of SQL and use of PL/SQL packages and concepts of relational databases and SQL.

LOR 8614 Oracle 12c: Backup and Recovery (1-2) 2 crs.

Assesses appropriate backup and recovery procedures to address business needs. Illustrates backup and recovery settings and backup operations to disk and tape. Presents Oracle Database recovery procedures to recover from media and other failures. Teaches students to diagnose and repair data failures. Utilizes Flashback Technologies and data duplication to complement backup and recovery procedures. Showcases backup and recovery strategies. Discloses methodology to effectively install and manage an Oracle Database instance. Recommended Preparation: LOR 8613 Oracle Database 12c: Admin, Install and Upgrade Accelerated or equivalent knowledge of Oracle Database 12c, SQL, and PL/SQL.

LOR 8615 Oracle Multi-Tenant Architecture (0.5-0.5) 0.5 crs.

Helps you gain a conceptual understanding of the multi-tenant architecture. Illustrates plugging and unplugging databases in multi-tenant container databases while learning how to create common and local users and administer database security to meet business requirements. Recommended Preparation: LOR 8614 Oracle Database 12c or knowledge of non-CDB configuration and management; working knowledge of SQL and use of PL/SQL packages; working knowledge of tools such as SQLPlus or Enterprise Manager Cloud Control. Also, Oracle Database 12c: SQL Workshop I and Oracle Database 12c: Backup and Recovery Workshop.

LOR 8620 Oracle Database 12c: Administration Workshop (1-2) 2 crs.

Provides a firm foundation in administration of an Oracle Database. Teaches a conceptual understanding of Oracle Database architecture and how to manage an Oracle Database in an effective and efficient manner. Covers both Database as a Cloud Service and the on-premises Oracle Database. Teaches how to create database storage structures appropriate for the business applications supported by a database and how to create users and administer database security to meet business requirements. Presents basic information on backup and recovery techniques as well.

Recommended: Oracle Database 12c: SQL Workshop 1 or equivalent experience.