Database Foundations

1-1
Introduction
Objectives

This lesson covers the following objectives:
• Identify the course goals and objectives
• Describe the course learning strategy
• Understand the course environment
Course Goals

The goal of this course is for you to be able to:

• Describe the purpose of a relational database
• Describe key business requirements when developing a database
• Use data modeling to architect a relational database
Course Goals

The goal of this course is for you to be able to:

- Develop an entity relationship diagram (ERD) to model data
- Use Oracle SQL Developer Data Modeler to build ERDs
- Map a physical model from an ERD
- Create a physical model from a logical model (ERD)
- Write, execute, and save SQL statements in Oracle Application Express
Course Strategy

• Instructor-led training
• Project-driven curriculum
• Industry-recognized certification
Technological Requirements

- Oracle SQL Developer (version 4)
- Oracle SQL Developer Data Modeler (version 4)
- Access to the Oracle APEX application
Links to Resources

• Oracle Database 12c
Links to Resources

• Oracle SQL Developer

• Oracle SQL Developer Data Modeler
Summary

In this lesson, you should have learned how to:

• Identify the course goals and objectives
• Understand the course environment
• Describe the course learning strategy