

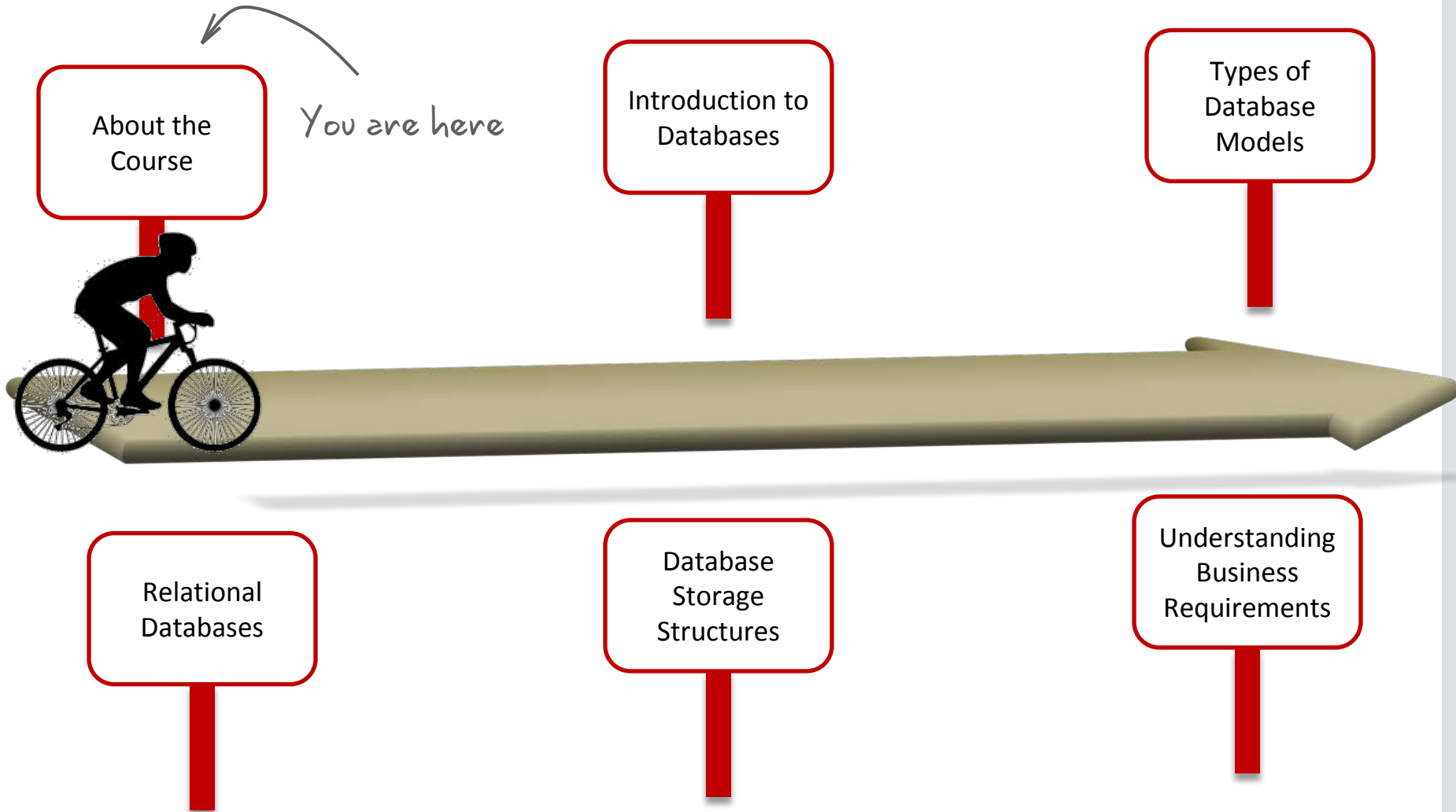


Database Foundations

1-1 Introduction



Roadmap



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

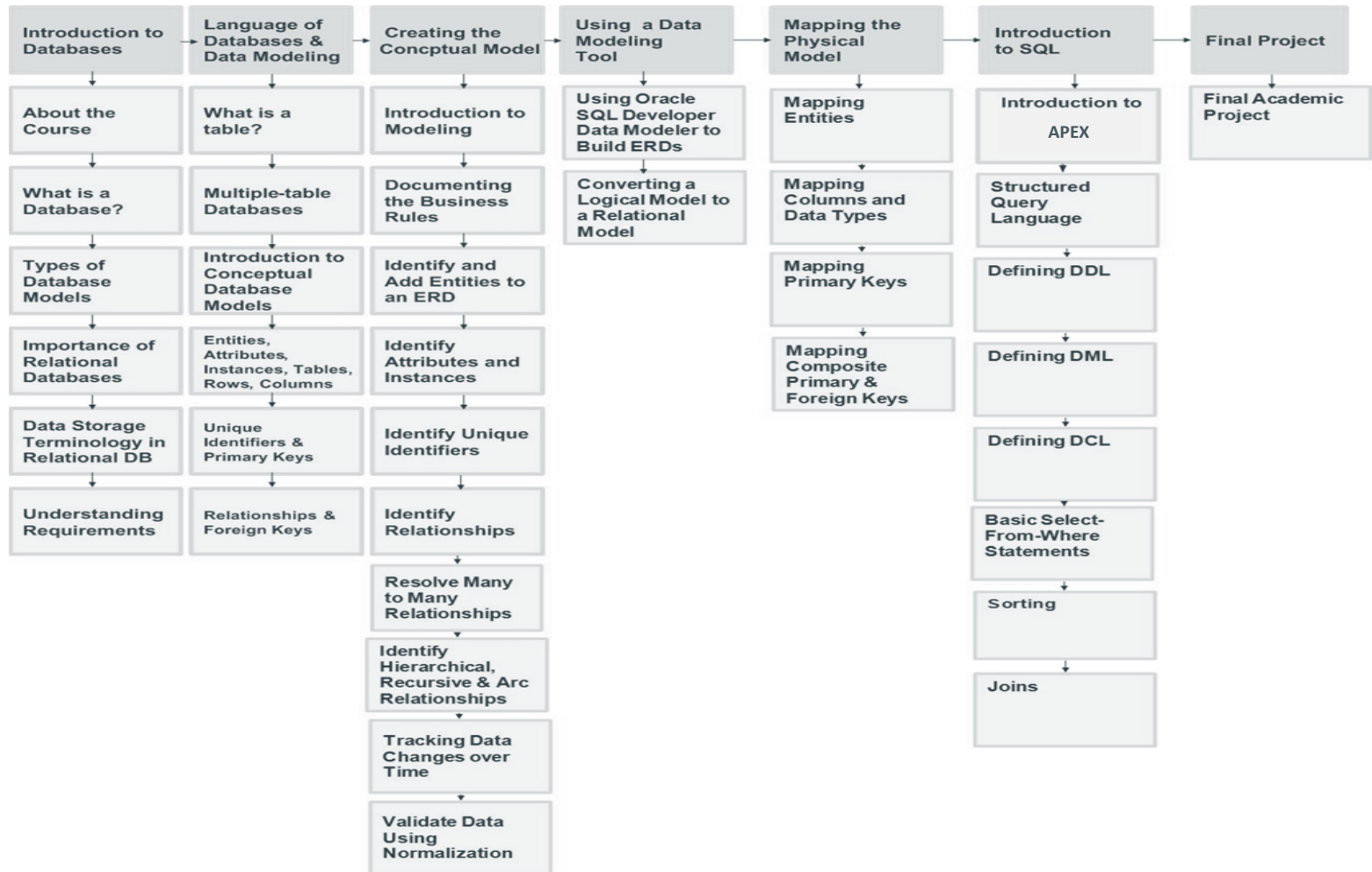


Course Goals

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 Outline



Course Strategy

- Instructor-led training
- Project-driven curriculum
- Industry-recognized certification

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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
 - <https://docs.oracle.com/en/database/>
 - <https://www.oracle.com/database/index.html>



Links to Resources

- Oracle SQL Developer
 - <http://www.oracle.com/technetwork/developer-tools/sql-developer/index.html>
 - <http://www.oracle.com/technetwork/developer-tools/sql-developer/learnmore/index.html>
- Oracle SQL Developer Data Modeler
 - <http://www.oracle.com/technetwork/developer-tools/datamodeler/index.html>



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

