

# ERWIN DIMENSIONAL MODELING FUNDAMENTALS

## Aim of Course

To provide users with a working knowledge of designing Dimensional Models in ERwin.

## Prerequisites:

Exposure to data modeling and database design is an asset. Exposure to Erwin is required. This is a follow-on to the experiences gained in the Dimensional Modeling Concepts class.

## Learning Path

Students following the Sandhill Learning Path, will find this ERwin Dimensional Modeling Fundamentals class is positioned as part of the Data Warehouse path.

## Course Activities:

The purpose of this course is to provide the student with exposure to Dimensional Modeling characteristics in ERwin, and use traditional OLTP modeling building blocks and enhanced Dimensional Modeling capabilities to successfully build requirements-based Dimensional solutions.

## Training Options:

ERwin Dimensional Modeling Fundamentals is available only as an Instructor Lead Training Class, which is held on-site at clients locations.

## Training Material:

Sandhill's Training material provide a detailed how to guide for users after the course has been completed.



## ERwin Dimensional Modeling Fundamentals One Day Hands on Class

Dimensional Modelling Fundamentals with ERwin

The purpose of this course is to provide the student with the opportunity to build Dimensional Models in ERwin, and to capture related ETL meta data.

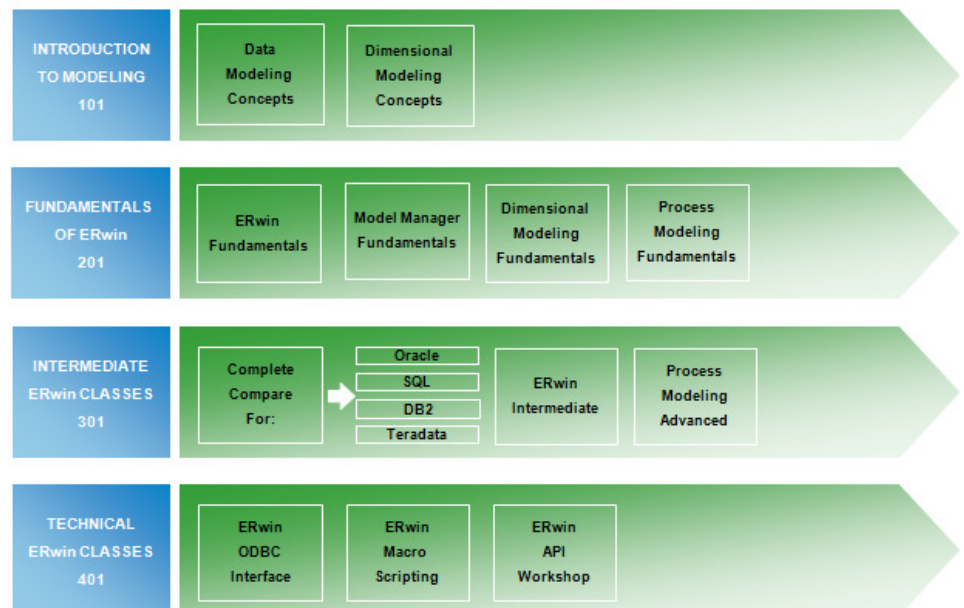
Following on from the Dimensional Modeling Concepts class, students will learn how to leverage ERwin to Describe, Design, Build and Implement dimensional data mart models, using Star Schema or Snowflake dimensional modeling techniques, which will allow the student to seamlessly design both data marts and data warehouses in one integrated environment. Completing the hands on exercises will allow the student to understand the data warehouse architecture, dimensional modeling rules, facts, dimensions and outrigger tables.

Topics of coverage:

Chapter 1 - Modeling Approaches and ERwin Support  
Chapter 2 - Dimensional Modeling First Steps  
Chapter 3 - Dimensional Model Complexity  
Chapter 4 - Time Variant Analysis  
Chapter 5 - Dimensional Sources and Data Mapping

By the end of this one day class, ERwin users will be able to use dimensional modeling techniques to help design high-performance data marts and data warehouses.

## Sandhill Education Offerings



# SANDHILL

To learn more about our training program contact  
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