General Description
This courseware training guide book will teach students relational database design and data modeling concepts. This is a common starting point for the entire Sideris database curriculum. In addition to receiving the print copy of this course book, all students will receive e-Learning modules.

Target Audience
The target audience for this course is all database professionals concerned about the design and implementation of databases. Among the specific groups for whom this course will be helpful are:

• Business analysts
• Data modelers, data analysts and data architects
• Senior application designers and developers
• Database administrators

Consider the logical design of relational databases using a methodology known as semantic data modeling and related practical techniques. Major subject areas to be explored are:

• Building a logical data model of increasing complexity and accuracy
• Transforming a logical model into a physical model for a relational database
• Using object oriented and semantic modeling techniques to refine a model
• Identifying classic structures & patterns that may be reused among many different models.
• Learn about star schemas, snowflake schemas and data warehouse models
• Introduce the use of a data model diagramming tool and CASE tools
• Consider the use of a data model diagramming tool and CASE tools

Objectives

Prerequisites
None

Next Course
None

Pages
202

Duration
2-3 days

Instructor Resources
Instructor resources from the Sideris Training Portal. There is no substitute for a subject matter expert. Sideris custom print courseware combined with our online resources make distance-learning and virtual training more effective than ever. Download the instructor resources for this courseware and see how your instructor presentations improve!
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