



Geodatabase Fundamentals

Virtual Training Class

Provided by **Keck & Wood, Inc.**

An ESRI Authorized Business Partner

Course Overview

Geodatabase Fundamentals teaches the fundamental concepts that you need to know to use ESRI's geodatabase for managing your geographic and tabular data. Course participants are led through a series of modules covering topics such as Geodatabase Basics, Understanding Geodatabase Data Model Diagrams, Building Geodatabase Schemas, Migrating Data to the Geodatabase, Attributes and Tables, Relationship Classes and much more.

Target Audience

This course is designed for those with no or limited experience with ESRI's Geodatabase format that wish to learn more about how they work and how to use them.

Prerequisites and recommendations

Students taking this course should have taken Introduction to ArcGIS I or have similar real world experience.

What You Get!

- Audio and Visual Lectures
- Software Demonstrations
- Exercises and Data
- Bound, Hard-Copy Lecture Materials

Course Goals

After successfully completing this course you will have acquired a general understanding of the Geodatabase format and some skills associated with creating and using a Geodatabase. These new skills include:

- Understanding of the basic terminology used to define the objects that are stored in a geodatabase including feature datasets, feature classes, relationship classes, topology, dimensions and annotation, tables, and geodatabase rules.
- Learn how to read UML based geodatabase data models
- Distinguish between personal and enterprise geodatabases
- Build geodatabase schemas and import data to a new geodatabase
- Migrate data from shapefiles, coverages, XML files to a geodatabase environment
- Create and apply domains and default values to fields in tables and feature classes
- Take advantage of relationship classes



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Cost

The fee for this course is \$150.00 per student plus shipping.

Required Software

- ✓ ArcGIS Desktop 9.x (ArcView, ArcEditor, or ArcInfo)
- ✓ Internet Browser (Internet Explore 6 or higher recommended)

Other GIS training classes offered

- ✚ ArcGIS Desktop I: Getting to Know GIS (ESRI Official Class - Instructor)
- ✚ ArcGIS Desktop II: Tools & Functionality (ESRI Official Class - Instructor)
- ✚ ArcGIS Desktop III: Analysis & Workflows (ESRI Official Class – Instructor)
- ✚ ArcGIS Desktop 101 (DVD Based Class)
- ✚ Using AutoCAD® data in ArcGIS (Instructor Led Class)
- ✚ ArcGIS Server Basics: Installation, Tweaks & Services (Instructor Led)
- ✚ Custom classes for ArcGIS
- ✚ Mastering Python for Geoprocessing in ArcGIS (Virtual Class)
- ✚ Programming ArcObjects with VBA (Virtual Class)
- ✚ Programming ArcObjects with .NET (Virtual Class or DVD based)

For information about this course, other GIS training offered or the full range of GIS/Mapping services provided by Keck & Wood, Inc. please contact:



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