



Google Maps for your Applications

CD-ROM Based Class

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

Course Overview

KML is an XML based file format used to display geographic data in Google Earth, Google Maps, and Google Maps for Mobile. Data displayed in Google Earth is contained in KML files, and in our new CD-ROM based course you will master the use of KML for creating advanced applications.

Target Audience

This course is designed for beginner to advanced level programmers who wish to learn how to integrate KML data into their applications.

Prerequisites and recommendations

This course is not for those new computers or programming. Students taking this course should have an understanding of basic programming concepts.

What You Get!

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

Course Goals

After successfully completing this course users will have acquired a number of new skills related using KML to create advanced Google Earth applications. These new skills include:

- Learn how to author KML documents
- Understand the KML Object Model
- Create new GE data including placemarks, paths, polygons
- Apply custom styles to your data and display
- Add image overlays including USGS topographic maps to GE
- Use Network Links to provide dynamic applications to clients
- Create time display data in GE
- Display KML files in Google Maps and Google Maps Mobile

Course Modules

1. Introduction to KML

- 1.1. Basic KML Elements
- 1.2. Reading the KML Object Model

- 1.3. Features
 - 1.3.1. Placemarks
 - 1.3.2. Ground Overlays
 - 1.3.3. Screen Overlays
 - 1.3.4. Folders & Documents
- 1.4. Geometry
 - 1.4.1. Point
 - 1.4.2. LineString
 - 1.4.3. Polygon & Linear Rings
 - 1.4.4. MultiGeometry



- 1.5. Styles
- 2. Advanced KML Elements**
 - 2.1. Using Network Links for Dynamic Data Display
 - 2.2. Time Display
 - 2.3. Regions

Cost

The fee for this course is \$75.00 per student.

Required Software

- ✓ Internet Browser (Internet Explore 7 or higher recommended)

Other GIS training classes offered

- ✚ ArcGIS Desktop I: Getting to know GIS (ESRI Official Class - Instructor Led)
- ✚ ArcGIS Desktop II: Tools & Functionality (ESRI Official Class - Instructor Led)
- ✚ ArcGIS Desktop III: GIS Workflows & Analysis (ESRI Official Class - Instructor Led)
- ✚ Using AutoCAD® data in ArcGIS (Instructor Led & DVD-ROM Class)
- ✚ Google Earth for ArcGIS Users (CD-ROM Class)
- ✚ Google Maps For Your Apps (CD-ROM Class)
- ✚ Customized Classes for ArcGIS Desktop and Server

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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