



# Dynamic Google Earth Applications

*CD-ROM Based Class*

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

## Course Overview

In this course you will learn how to use the Google Earth's <NetworkLink> element in conjunction with the Python programming language to dynamically feed your GIS data to end users in the Google Earth display.

## Target Audience

This course is designed for intermediate to advanced level programmers who wish to learn how to feed live data to Google Earth end users.

## 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 to creating dynamic Google Earth applications. These new skills include:

- Learn basic KML skills
- Understand how Google Earth displays data dynamically
- Use the <NetworkLink> element to add, update, and delete existing data in the Google Earth display
- Basic Python programming constructs
- Use Python to dynamically update the Google Earth display as data changes

## Course Modules

1. Introduction to KML
2. NetworkLink Concepts
3. <NetworkLink> Elements
4. Python Fundamentals
5. Scripting Network Links with Python
6. Course Project



## Cost

The fee for this course is \$75.00 per student. Special pricing is available if bundled with other classes or services upon request.

## Required Software

- ✓ Internet Browser (Internet Explorer 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)
- ✚ ArcGIS Server Basics: Installation, Services & Tweaks (Instructor Led)
- ✚ Mastering Python for Geoprocessing in ArcGIS (CD-ROM Class)
- ✚ Introduction to VBA in ArcMap (CD-ROM Class)
- ✚ Introduction to ArcObjects (CD-ROM Class)
- ✚ Google Earth for ArcGIS Users (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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