



# Building Web Based Google Earth Applications

*CD-ROM Based Class*

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

## **Course Overview**

The Google Earth JavaScript API and Plug-in lets you embed Google Earth into your web pages. Using the Google Earth API you can draw markers, lines, and polygons, drape images over the terrain, add 3D models, or load KML files, allowing you to build sophisticated 3D map applications. You can also embed the 3D digital globe into your existing Google Maps applications.

## **Target Audience**

This course is designed for intermediate to advanced level programmers who wish to learn how to embed geospatial applications using Google Earth into their websites.

## **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 the Google Earth API to geospatially enable their websites. These new skills include:

- Learn a basic understanding of the Google Earth API and plug-ins
- Learn how to use Google Earth Plug-in object classes.
- Be able to add place markers, polylines and polygons via a website
- Be able to drape imagery over a 3d model
- Create descriptive balloons
- Make use of the Google Maps Geocoder

## Course Modules

1. Introduction to the Google Earth API and Plugin
2. Using the GEPlugin Class
3. Adding Placemarks, Polylines, and Polygons
4. Draping Imagery on the 3D Display
5. Creating Descriptive Balloons
6. Working with the Camera
7. Integration with the GMaps Geocoder
8. 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)
- ✚ 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:**



## Keck & Wood, Inc.

2750 Premiere Parkway, Suite 900

Duluth, Ga. 30097

(678) 417-4000

(678) 417-4055 Fax

[www.keckwood.com](http://www.keckwood.com)

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