



# Creating Mapplets with Google Gadgets

*CD-ROM Based Class*

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

## **Course Overview**

Mapplets are widgets or mini-applications that are served inside the Google Maps site. You can put anything inside this mini-webpage that you can put into a normal webpage, including HTML, JavaScript, and Flash. Google provides a JavaScript API that gives the Mapplet access to services such as manipulating the map, fetching remote data, and storing user preferences.

## **Target Audience**

This course is designed for intermediate to advanced level programmers who wish to learn how to create widgets inside the Google Earth 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 what a mapplet is and how they work
- Understand the basic programming needed to use mapplets in your applications
- Learn how mapplets integrate in to Google Map applications
- Know how to retrieve external data using mapplets
- Learn how to publish and share mapplets with others

## Course Modules

1. Introduction to Mapplets
2. Mapplet Programming Basics
3. Integration with Google Maps
4. Retrieving External Data
5. Publishing and Sharing Mapplets
6. Course Project - Creating a "Live Link" Wildfire Mapplet



## 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<sup>®</sup> 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:**



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