



Google Maps for your Applications

Virtual Training Class

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

Course Overview

This course is designed to enable you to take advantage of Google Maps for your website. You will learn how to create maps, add map controls for user interactions (zooming, and panning), programmatically alter the map extent, add points of interest to the map, add custom icons, geocode addresses on the fly, read addresses from a database or XML file, and display aerial photography.

Target Audience

This course is designed for beginner to advanced level programmers who wish to learn how to integrate Google Maps with 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 to Geoprocessing with Python. These new skills include:

- Add Google Maps to your web sites.
- Add navigational controls to Google Maps
- Geocode addresses for interactive display of points
- Read points of interest from a database or XML file and plot the points on Google Maps.
- Add custom icons to the maps.
- Understand how to use free and pay third party geocoding services for plotting points.

Course Modules

1. Introduction to Google Maps
2. The Google Maps API (GMap Object, Adding Navigation Controls (zoom, pan, aerial photos), Add Points of Interest (GPoint, and GMarker), Add Custom Icons, Read Addresses from Database or XML files)
3. Geocoding Addresses (Geocode through Google Maps API, Third Party Geocoding Web Services (ESRI, TeleAtlas, etc), Free Third Party Geocoding Services)
4. Reading Data from External Sources (databases, XML files)
5. Reading Multiple Addresses from Database, XML HttpRequest Object

Cost

The fee for this course is \$125.00 per student.

Required Software

- ✓ Internet Browser (Internet Explore 6 or higher recommended)

Other GIS training classes offered

- ✚ Introduction to ArcGIS I (Instructor Led)
- ✚ Introduction to ArcGIS II (Instructor Led)
- ✚ Fundamentals of ArcView GIS 3.x (Instructor Led)
- ✚ Custom classes for ArcView GIS 3.x, ArcGIS, AutoCAD and Autodesk Map
- ✚ Introduction to VBA in ArcMap (Virtual Class)
- ✚ Introduction to ArcObjects (Virtual Class)
- ✚ Creating .NET Web Services with ArcIMS (Virtual Class)
- ✚ Introduction to ArcSDE (Virtual Class)
- ✚ Using Google Maps in your Apps (Virtual Class)
- ✚ Advanced Annotation & Labeling in ArcMap (Virtual Class)



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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