



# Building Web 2.0 Mapping Applications With ArcGIS Server & Google Maps



*Instructor Guided Internet Class*

Provided by **Keck & Wood, Inc.** in partnership  
With **Geospatial Training Services, LLC**

## Course Overview

This is an instructor guided course taught in a Internet GIS Classroom using the same technologies implemented by many colleges and universities around the world to deliver Internet based courses. Our new Internet GIS Classroom blends the best of instructor led and e-learning formats into a new instructor led web based format that allows for more interactivity between the instructor and student, and between students.

**Building Web 2.0 Mapping Applications with ArcGIS Server and Google Maps** is designed to teach students how to use the new ArcGIS Server JavaScript API, Google Maps API, and the ArcGIS JavaScript Extension for Google Maps to create Rich Internet GIS Applications (RIAs). Course participants will be led through a series of 6 modules

## Target Audience

This course is geared toward all levels of GIS professionals who need to create Rich Internet GIS Applications. No programming experience is necessary though it is helpful to have some knowledge and or experience of programming concepts.

## 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 video lectures
- Video software demonstrations
- Supporting exercises and data
- Class forums and chats
- Upload and download of course assignments and exercises
- Course wikis
- Supplemental reading materials
- Quizzes
- Glossaries
- Peer assessment
- Much more!

## Course Goals

After successfully completing this course users will have acquired a number of new skills related to developing Web 2.0 mapping applications. These new skills include:

- Understanding of Web 2.0 technologies such as AJAX, SOAP, XML, & more.
- Learn basic JavaScripting principles
- Understand Basic ArcGIS Server concepts and architecture
- Learn how to create custom ArcGIS Server based apps using the JavaScript API
- Learn how to integrate ArcGIS Server with Google Maps.

## Course Modules

1. Web 2.0 Concepts Applied to GIS
2. Introduction to JavaScript
3. Basic ArcGIS Server Concepts
4. Programming ArcGIS Server with the JavaScript API
5. Programming the Google Maps API
6. Integrating ArcGIS Server with Google Maps



## Cost

The fee for this course is \$667.00 per student.

## Required Software

- ✓ Web Browser (Internet Explorer 7 or higher recommended)
- ✓ Text Editor such as jEdit or Notepad ++

## What is an Instructor Guided Internet Class?

Our Instructor Guided Internet classes are self-paced, like our CD/DVD-ROM classes. However unlike our CD/DVD-ROM classes, they feature interaction between student and instructor via chat sessions, discussion groups, exercise reviews and during at least two phone meetings between student and instructor to discuss your progress. In addition, there will be interaction among students as well through discussion groups. This is the same technology and format being used by numerous universities in the US and Canada. [You can click here for some FAQs about this format.](#)

**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.

2425 Commerce Ave., Bldg 2100 Ste. 300  
Duluth, Ga. 30093  
(678) 417-4000  
(678) 417-8785 Fax  
[www.keckwood.com](http://www.keckwood.com)

*This class was developed by GeoSpatial Training Services, LLC ([www.geospatialtraining.com](http://www.geospatialtraining.com)). Keck & Wood, Inc. is an authorized reseller of GeoSpatial Training's products and services. ESRI was not involved in the creation of this class or endorse it. ArcView, ArcGIS, ArcMAP, ArcCatalog, and ArcToolbox are registered trademarks of ESRI, Inc. AutoCAD is a registered trademark of Autodesk, Inc.*