

Mastering the ArcGIS Server JavaScript API

Updated for ArcGIS 10

Internet Based or Instructor Led

Created by **Geospatial Training Services, LLC**

A Keck & Wood, Inc. GIS Training Partner

Course Overview

The Mastering the ArcGIS Server JavaScript API course is a series of **7 modules** that will teach you how to build high performance, attractive Web mapping applications using the lightweight, browser based ArcGIS Server JavaScript API.

This Course is offered in a traditional classroom environment or as an instructor guided course taught in our Internet Classroom. Our Internet Classroom uses the same technologies implemented by colleges and universities around the world to deliver Internet based courses.

Target Audience

This course is designed for beginner to advanced level GIS programmers who wish to learn how to create rich internet GIS applications using ArcGIS Server's JavaScript API.

Prerequisites and recommendations

This course is not for new computer or ArcGIS users. Students should have some basic understanding of GIS and ESRI's ArcGIS platform. They should also have an understanding of basic programming concepts.

Course Goals

After successfully completing this course users will have acquired a number of new skills related to creating custom GIS web applications with ArcGIS Server and the JavaScript API. These new skills include:

- Fundamental understanding of Java Script.
- Fundamental understanding of ArcGIS Server's JavaScript API
- Create custom GIS web applications
- How to integrate ArcGIS Server with Google Maps

Course Modules

1. Introduction to JavaScript
2. Introduction to the ArcGIS Server JavaScript API
3. Application Debugging with FireFox and Firebug
4. Dojo + ArcGIS Server = Rapid Application Development
5. Advanced Dojo Concepts
6. Integrating ArcGIS Server with Google Maps
7. Capstone Project

About our Virtual Classroom

Our new Virtual Internet Classroom blends the best of traditional instructor led and CD/DVD-ROM based formats into a new instructor guided web based format that allows for more interactivity between the instructor and student, and between students. The Virtual Classroom Internet platform has the following features for each course:

- 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!

Cost

- A. Internet Based Instructor Guided course is \$567.00 per student.
- B. Traditional Instructor Led Classroom course is \$1,350.00 per student

Discounts are available for groups or if bundled with other training.

Required Hardware & Software

The following is required to take this course:

- ✓ Internet Browser (Internet Explore 7 or higher recommended)
- ✓ Text Editor (Notepad ++ or JEdit recommended)
- ✓ Windows XP, Vista or 7
- ✓ High Speed Internet Connection (DSL, Cable, T-1 or better)

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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