

Programming the Flex API For ArcGIS Server

Instructor Guided Internet or Traditional Instructor Led Course
Created by **Geospatial Training Services, LLC**
A Keck & Wood, Inc. Authorized Business Partner

Course Overview

The Programming the Flex API for ArcGIS Server course is a series of **7 modules** that will teach you how to build high performance, attractive Web 2.0 mapping applications using the lightweight, browser based ArcGIS Server Flex API.

This Course is offered in a traditional classroom environment or as an instructor guided course taught in a Virtual Internet Classroom. Our Virtual 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 Flex 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 Geoprocessing with Python. These new skills include:

- Fundamental understanding of ArcGIS Server Application development.
- An understanding of Flex Builder
- Fundamental understanding of ArcGIS Server's Flex API
- Create custom GIS web applications
- How to integrate Bing Maps with the Flex API

Course Modules

1. Introduction to ArcGIS Server
2. Building Flex Applications with Flex Builder
3. ActionScript Basics
4. Introduction to the Flex API for ArcGIS Server
5. Advanced Techniques for the Flex API with ArcGIS Server
6. Using Bing Maps with the Flex API
7. Capstone Project



About our Virtual Internet 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

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

Discounts are available for groups or if bundled with other training. Traditional Instructor led classes are scheduled as requested. This course can also be offered on-site at a customer's location using our portable training lab.

Required Hardware & Software

The following is required to take this course:

- ✓ Internet Browser (Internet Explorer 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)

