



# Introduction to ArcGIS II for ArcGIS 9.2

Provided by **Keck & Wood, Inc.**  
*An ESRI Authorized Business Partner*



## Course Overview

This three-day course extends what students learned in *Introduction to ArcGIS I* with further exploration of ArcMap and ArcCatalog. The course focuses on spatial analysis, automation of spatial and attribute data, editing, and advanced options for cartographic display. A portion of the class is reserved for carrying out an analysis project and applying many of the new skills and techniques learned in this course. Participants conduct queries, perform spatial analysis, and present their results in a hard-copy map.

## Target Audience

This course is designed as the next step after the *Introduction to ArcGIS I* class. It is for those with fundamental knowledge of ArcGIS Desktop and geographic information systems in general.

## Course Goals

1. Perform spatial analysis
2. Manage geographic data
3. Perform geocoding
4. Automate data through heads-up digitizing
5. Convert data from other formats
6. Edit spatial and attribute data
7. Create and use metadata
8. Produce high-quality maps and reports

## Topics covered

- Spatial analysis and data management: Buffers; Spatial overlays; Extracting features for analysis; Analytical methods and tools
- Geocoding and display of locations from tabular data: Address geocoding; Display of points from x,y coordinates
- Editing: Tools for creating and editing spatial data; Editing attribute data; Spatial adjustment
- Data automation: Data sources; Digitizing; Data conversion
- Project management: Database organization; File and directory naming conventions; Creating and using metadata
- Geoprocessing: introduction to the Command Line window and the ModelBuilder interface
- Cartography: Advanced symbology and labeling



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## Prerequisites and recommendations

This course is for those who have completed *Introduction to ArcGIS I*. If the prerequisite course is not completed, a participant should have comparable experience with ArcGIS before taking this course.

## Cost

The fee for regularly scheduled classes is \$1,270.00 per student. Discounts are available for groups or if bundled with the *Introduction to ArcGIS I* class. A minimum of four students are need to constitute a class. Payment or purchase order must be received prior to the start of class. Any cancellations must be made one week in advance of the class to receive a refund.

On-site training is available. If you would like a quote or more information about on-site training contact us at [gistraining@keckwood.com](mailto:gistraining@keckwood.com).

## About the Instructor



The class is taught by Tripp Corbin, a GIS Certified Professional and an ESRI Authorized Instructor. Tripp has over 16 years of experience in GIS and Mapping. During those 16 years, he has worked in many aspects of GIS from field data collection and data creation to project management and client support. Tripp is familiar with many of the most common GIS and mapping software packages including ArcGIS, ArcView GIS, ArcInfo<sup>®</sup>, ArcIMS<sup>®</sup>, AutoCAD<sup>®</sup>, Autodesk Map<sup>®</sup>, MapGuide<sup>®</sup>, and Microstation<sup>®</sup>.

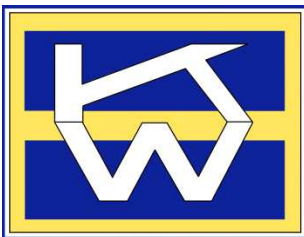
## Feedback from Students

*“The course was very helpful and went above and beyond my expectations. Tripp was great presenting the material. I would definitely take another class from Keck & Wood, Inc.”* - Matthew Chancey - Monroe Utilities Network

*“Excellent course that will benefit me for years to come. Tripp was a very good instructor. The course materials / lectures and exercises were very easy to follow.”* - Keith Scott – Fort Gordon Dept. of Public Works & Logistics

*“Great material that followed up with Intro to GIS I. All the material was relevant to what I needed to know. Thanks ESRI!! Mr. Corbin, the instructor, was very knowledgeable about the software.”* - Matt Davis - City of Oxford, MS

**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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