



ArcGIS Desktop III: Workflows & Analysis for ArcGIS 9.3

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

This two-day course builds on the skills learned in the ArcGIS Desktop II: Tools & Functionality course. It shows students how to apply ArcGIS tools in a workflow context with a focus on working with data stored in a geodatabase and performing geoprocessing and analysis. In the course exercises, you organize and edit data stored in a geodatabase, prepare data for analysis, create and edit geoprocessing models using ModelBuilder, and work through a challenging analysis project.

Target Audience

This course is designed for intermediate ArcGIS users who want to learn more about analysis and geoprocessing in ArcGIS tools including ArcToolbox and ModelBuilder.

Course Goals

1. Add data from different sources to a geodatabase.
2. Create subtypes and use them when editing data.
3. Validate geodatabase feature geometry and attributes.
4. Edit data using a geodatabase topology.
5. Create and edit geodatabase annotation.
6. Create and edit metadata using a template.
7. Create custom symbols and style sheets.
8. Create and apply a custom map template.
9. Run analysis tools using dialog boxes, models, and the command line window.
10. Build a complex model using ModelBuilder.

Topics covered

- Getting data into a Geodatabase using various methods including importing, copy and pasting and data conversion.
- Spatial and Attribute validation such as topologies, subtypes and domains
- Editing and updating GIS data
- Spatially adjusting and georeferencing GIS data
- Managing analysis and geoprocessing tools
- Performing analysis with the various tools in ArcGIS
- Using ModelBuilder to streamline, automate and document workflows



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Prerequisites and recommendations

Students should have completed *ArcGIS Desktop II: Tools & Functionality* or *Introduction to ArcGIS I* or have equivalent knowledge. Students must have a firm knowledge of Microsoft Windows and computer file management.

Cost

The fee for regularly scheduled classes is \$850.00 per student for normal classes. Discounts are available for groups or if bundled with other ArcGIS training classes. 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.

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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