

ArcGIS Desktop III: Workflows and Analysis (v10)

2-Day Course

Overview

Understanding how and when to apply ArcGIS tools and functions is the key to creating an efficient GIS workflow. Building on the skills and knowledge taught in *ArcGIS Desktop II: Tools and Functionality*, this course shows 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.

Audience

This course is designed for experienced ArcGIS users who want to learn more about the ArcGIS tools for creating and editing data and GIS analysis.

Those who complete this course will be able to

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

Prerequisites and recommendations

Students should have completed ArcGIS Desktop II: Tools and Functionality, or Intermediate GIS Concepts, or have equivalent knowledge.