

# ArcGIS Desktop III: GIS Workflows & Analysis

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## Overview

### Description

Advance your ArcGIS Desktop 10.0 skills in this course that teaches how to create an efficient workflow that supports GIS analysis. Working with data stored in a geodatabase, you will organize and prepare data for analysis, create geoprocessing models, and work through a challenging analysis project. By the end of the course, you will be able to determine which tools and functions to use in a given situation and apply them to your analyses. The skills taught in this course are applicable to all types of GIS analysis.

### Who Should Attend

GIS analysts, GIS specialists, and other experienced ArcGIS Desktop users who want to extend their basic skills in the areas of data creation and editing, geoprocessing models, and GIS analysis.

### Goals

After completing this course, you will be able to

- Add data from different sources to a geodatabase.
- Create and use geodatabase components that maintain data integrity and prevent errors during data creation and editing.
- Solve common spatial data alignment problems.
- Use a variety of geoprocessing tools to perform an analysis that supports decision making.
- Build a complex model to automate an analysis workflow.

### Software

This course is designed to work with the following software:

- ArcGIS Desktop  
ArcInfo 10.0

### Prerequisites

Completion of ArcGIS Desktop II: Tools and Functionality or Learning ArcGIS Desktop or equivalent knowledge is required.