

# ArcGIS Desktop II: Tools and Functionality

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## Overview

### Description

This course introduces the fundamental concepts of ArcGIS Desktop 10.0 software and teaches how to use it to visualize, create, manage, and analyze geographic data. In course exercises, you will use ArcGIS tools to efficiently perform common GIS tasks and workflows. By the end of the course, you will understand the range of ArcGIS Desktop functionality and be prepared to work with the software on your own to create GIS maps, work with geographic data, and perform GIS analysis.

### Who Should Attend

GIS professionals and others who have GIS knowledge but no ArcGIS software experience.

### Goals

After completing this course, you will be able to

- Create a file geodatabase to store and manage geographic data.
- Create and edit geographic data to accurately represent real-world objects.
- Explore geographic data in ArcMap.
- Classify, symbolize, and label map features to improve map visualization and interpretation.
- Create data by geocoding addresses.
- Query and analyze GIS data to support decision making.
- Create maps to share with others.

### Software

This course is designed to work with the following software:

- ArcGIS Desktop  
ArcEditor 10.0  
ArcInfo 10.0  
ArcView 10.0

### Prerequisites

This course requires knowledge of fundamental GIS concepts. Completion of ArcGIS Desktop I: Getting Started with GIS or Getting Started with GIS or equivalent knowledge is required.