

ArcGIS Desktop II: Tools and Functionality

3 Days (24 hours)

This course teaches the range of functionality available in ArcGIS Desktop software and its essential tools for visualizing, creating, managing, and analyzing geographic data. Course exercises emphasize practice with ArcMap and ArcCatalog (the primary applications included with ArcGIS Desktop software) to perform common GIS tasks and workflows. By the end of the course, you will be prepared to start working with the software on your own.

Course Objectives:

- Symbolize, classify, and label geographic data
- Apply coordinate systems to geographic data
- Create maps for presentation
- Manage table properties and relationships
- Edit map features and attributes
- Create a geographic database and new data
- Geocode addresses
- Solve geographic problems using analysis tools
- Customize the ArcGIS interface

After completing this course, you will be able to:

- Know which ArcGIS Desktop application to use for common GIS tasks.
- Create and edit data stored in a geodatabase.
- Display geographic data in ArcMap.
- Classify and symbolize map data.
- Label map features.
- Access feature information in tables and control table display properties.
- Create data from x,y coordinates and by geocoding addresses.
- Query and analyze GIS data.
- Create presentation-quality maps and graphs.
- Create a map template to standardize map production.

Completion of **ArcGIS Desktop I: Getting Started with GIS** or Getting Started with GIS or equivalent knowledge is required.