

Editing in ArcMap

2-Day Course

Overview

This 2-day course teaches students how to add, delete, and modify data using advanced editing techniques in ArcGIS. Students learn the fine details of editing in ArcMap, including how to use the proper combination of tools, tasks, targets and selectable layers. The course introduces both map topology and geodatabase topology, and teaches students to effectively use topology constraints to keep data clean throughout the editing process. Students will also learn how to georeference an image and trace features off the image using ArcScan.

Audience

This course is for those who are already comfortable with the basics of ArcGIS, but who want to learn more details about editing in ArcGIS.

Topics covered

What is Editing?

Review of Basic Editing Techniques

- The Editor toolbar
- Setting up the Edit Session
- Snapping
- Simple Edits
- Tasks
- Sketch Tools
- Editing Attributes

Advanced Editing Techniques

- Copying Features
- Advanced Editing Toolbar
- Edit Menu Tools
- ArcToolbox Tools
- Copying Attributes

Using Map Topology

- Simple Map Topology
- Editing Coincident Edges
- Topology Tasks
- Sliver Polygon Errors

- Construct Features Tool
- Advanced Editing Techniques

Using Geodatabase Topology

- Introduction to Geodatabase Topology
- Geodatabase Topology Properties
- Topology Validation
- Topology Errors

Working with Scanned Images

- Adding scanned images to ArcMap
- Registering an image

Using ArcScan

- Using ArcScan to digitize features from a raster image

Prerequisites and recommendations

Students should be familiar with the basic use of ArcGIS 9, including the topics covered in either the **Fundamentals of ArcGIS I** or **ArcGIS Desktop I** classes.