

# **What's New in Editing at ArcGIS<sup>®</sup> Desktop 10**

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## Introduction

- Introduction
- Course goals
- Using the course workbook
- Additional resources
- Installing the course data

## 1 Overview of editing in ArcGIS 10

- Lesson introduction
- Key terms
- Digitizing workflow
- Exercise 1A: Prepare for editing
  - Use the Catalog window
  - Dock the Catalog and Search windows
  - Create new Lakes feature class
  - Add an attribute for the Lakes
  - Import bookmarks
  - Add a basemap layer
- Exercise 1B: Edit new lake polygons
  - Digitize a new lake polygon
  - Update the lake attributes
  - Modify the feature template
  - Digitize irrigation ponds
- Lesson review
  - Answers to Lesson 1 questions

## 2 Updating, transferring, and modifying features

- Lesson introduction
- Key terms
- Sketch tools available with ArcGIS 10
- Exercise 2: Update the parcels and city boundary
  - Update the city's lot lines
  - Create new parcel polygons
  - Digitize new city boundary
  - Create intersections and update the city boundary
- Lesson review
  - Answers to Lesson 2 questions

## 3 Editing features

- Lesson introduction
- Key terms
- Exercise 3: Edit subdivision streets
  - Edit the Miller's Ranch streets
  - Change the segment type
  - Add Miller Parkway centerline

- Complete the street centerlines
- Annotate the streets
- Lesson review
- Answers to Lesson 3 questions

## 4 Advanced editing techniques

- Lesson introduction
- Key terms
- New topology rules in ArcGIS 10
- Exercise 4: Update the water system
  - Prepare pipes for editing
  - Reshape a waterline
  - Add a new pipe by tracing
  - Complete the pipe along Miller Parkway
  - Add a new pipe parallel to the street
  - Add new fire hydrant and validate topology
- Lesson review
- Answers to Lesson 4 questions

## 5 Editing features with the Parcel Editor

- Lesson introduction
- Key terms
- What is a parcel fabric?
- Parcel fabric workflow
- Examine the plat map
- Exercise 5: Create features with the Parcel Editor
  - Open ArcMap and set up the parcel environment
  - Create a plan in the Plan directory
  - Create a Miller's Ranch feature template
  - Create new parcels
  - Split perimeter courses and add internal lines
  - Attribute parcels
- Lesson review
- Answers to Lesson 5 questions

## Appendixes

- Appendix A: Esri data license agreement
- Appendix B: Miller's Ranch Addition plat map