Creating and Editing Data with ArcGIS Pro
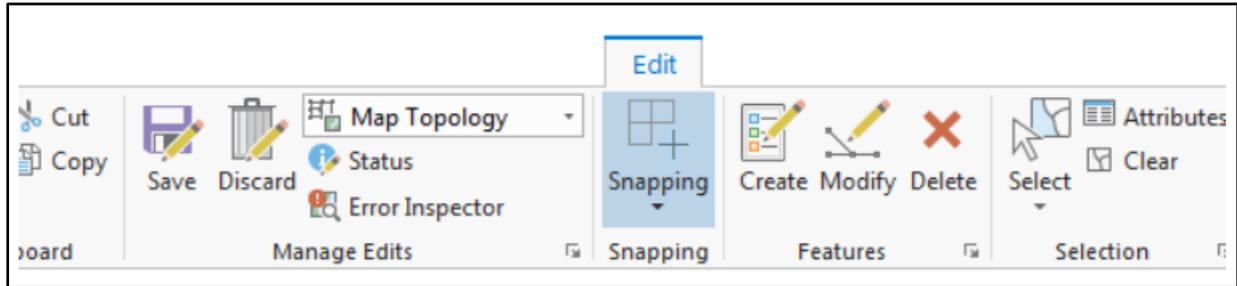
Maintain the accuracy of your authoritative GIS data

Register now

SGD$960 / pax

Level: intermediate | Course duration: 2 days

This course teaches best practices to create accurate geographic data and maintain it over time. You will get ample hands-on practice with a variety of ArcGIS Pro tools that streamline the editing process and decrease the potential for errors when updating your GIS database.

What is the course about?

Apply a standard editing workflow to manage updates to geographic data. Configure ArcGIS Pro application and project settings to support efficient editing. Create, modify, and delete 2D and 3D features and attributes. Solve common data alignment issues and maintain spatial relationships among features when editing.

Who is the target audience?

GIS technicians, specialists, and other experienced ArcGIS users who need to create and maintain their organization's geographic data.

Are there any prerequisites?

• Completion of ArcGIS Pro: Essential Workflows or equivalent knowledge is required

What skills will I learn?

After completing this course, you will be able to:

• Apply a standard editing workflow to manage updates to geographic data
• Configure ArcGIS Pro application and project settings to support efficient editing
• Create, modify, and delete 2D and 3D features and attributes
• Solve common data alignment issues and maintain spatial relationships among features when editing

Course topics

Introduction to editing

- Editing to ArcGIS Pro
- Editing task
- Creating, modifying and deleting features

Preparing to edit GIS data

- Investigate coordinate systems
- Lining up data
- Managing attributes
- Layer symbology for editing
- App and project settings for editing
- Configuring ArcGIS Pro and your project for editing

Creating 2D features

- Feature creation workflow
- Feature templates
- Group and preset templates
- Choosing a construction tool
- Managing feature templates
- Dynamic constraints
- Snapping
- Editing grid
- Creating attributes

Modifying 2D features

- Modifying GIS data
- Feature modification workflow
- Modification tools
- Modifying geometry and attributes

Maintaining spatial integrity

- Using map topology
- Geodatabase topology
- Comparing map and geodatabase topology

Editing annotation

- Annotation
- Creating annotation
- Modifying annotation
- Using the Attributes pane to modify annotation

Creating and modifying 3D features

- Points, lines and polygons in 3D
- Placement tools in 3D
- Multipatch data in ArcGIS Pro
- Creating multipatch data in ArcGIS Pro
- Duplicating features vertically
- Modifying 3D data in ArcGIS Pro