

ArcGIS® Pro

2-day Introduction



SALFORD
GIS

Course Prerequisites

Delegates must be confident in the use of the Windows operating system functions such as copying, deleting & moving files, navigating to a file or folder, use of Mouse and Keyboard.

N.B. The course is based on the ArcGIS Pro “Basic” licence without extensions.

1. Introduction to GIS

- introduction to GIS
- basic GIS concepts
- coordinate systems
- data types and possible sources
- introduction to ArcGIS
- the ArcGIS Pro environment

2. Getting Your Bearings

- getting started with ArcGIS Pro
- toolbars, ribbons and panes
- contents pane
- catalog pane
- navigating the map
- adding data to the map
- layouts
- table of attributes
- saving your work

3. Interacting with the Map

- map tools
- measure tools
- snapping control
- bookmarks
- basic selecting features
- selection options
- selection functions

4. Working with Map Layers

- types of layer
- setting scale dependency
- data sources and repair of broken links
- setting basic symbology
- symbology with categories/quantities
- classification methods
- saving and importing symbology
- adding labels and text to the map

5. Layouts

- add a layout to your project
- navigating the layout
- adding layout elements
- working with multiple map frames
- extent indicators
- layout templates
- exporting/sharing your layout

6. Selections and Queries

- selecting features by attributes
- building an expression
- selection features by location
- working with selections
- definition query
- creating buffers

7. Mapping Existing Data

- creating points from x,y values
- using Microsoft Excel data
- joining data using common attribute
- setting up spatial join
- postcode geocoding/address locators

8. Creating and Editing Data

- getting started with editing
- creating new datasets (shapefile or gdb)
- feature class design
- constructing new features
- using tracing
- using snapping
- modifying existing features
- adding and modifying attributes
- field calculator
- saving edits