



# ArcGIS training

**Elevate your GIS skills and knowledge through our instructor-led ArcGIS training**

As an ESRI UK solution partner, and specialists in GIS technology and information management, we can quickly elevate your technical expertise to ensure you get the most from your investment in ArcGIS. Catering for all levels of technical experience and abilities, our training course programme is the ideal development pathway to progressively enhance your ArcGIS technical skills.

## **ArcGIS desktop foundation training (two days)**

Our introductory two day training course aims to provide a basic understanding of the theory of databases, Geographic Information Systems (GIS), and specifically the fundamentals of ArcGIS desktop.

## **ArcGIS desktop intermediate training (two days)**

Enhance your existing knowledge of ArcGIS. Our two day intermediate training course aims to develop your understanding and use of data and metadata in an ArcGIS environment. Using a modular approach, the content and structure of this course can be easily tailored to meet your needs.

## **ArcGIS Pro foundation training (two days)**

This two day course provides participants with a basic understanding of the theory of databases, Geographic Information Systems (GIS), and in particular ArcGIS Pro.

# ArcGIS desktop foundation training course content

## Day one

- Database and GIS theory
- Map projections
- Working with British National Grid (BNG)
- Starting ArcMap and ArcCatalog
- Opening map documents
- Setting map document properties and options
- ArcGIS feature classes and layer files
- Data view and layout view
- Moving around a map and making measurements
- Making use of graphic elements
- Adding spatial data to an existing feature class
- Adding text attributes to an existing feature
- Modifying an existing feature class
- Creating a new feature class
- Labelling
- Other editing skills
- Managing GIS data
- Saving map documents

## Day two

- Making selections
- Using attribute tables
- Complex graphic objects – merge, split and intersecting of features
- Labelling and annotation
- Selecting objects using attributes (SQL)
- Field calculations
- Hyperlinks
- Creating buffers
- Importing data from other applications
- Creating thematic maps saving and applying symbology
- Creating a map template
- Printing a site plan
- Georeferencing raster images
- Creating 'user friendly' map documents
- Creating effective maps

**“Training was at a good pace and easy to follow.”**

**Tewkesbury Borough Council**

# ArcGIS desktop intermediate training course content

## Modules

- Fixing invalid data sources
- Saving relative path names
- Advanced geodatabase configuration
- Loading data
- Indices
- Definition queries
- Metadata
- Importing symbology
- Creating custom symbols
- Creating and importing style files
- Using graphs and charts as symbols
- Labelling / formatting labels with complex expressions
- Labelling using the annotation layer
- Label text formatting tags
- Table appearance
- Field visibility, aliases, freezing columns & sorting option
- Field statistics
- Creating summary statistics
- Creating data frames
- Switching between data frames
- Advanced layout design
- Viewing tools
- Bookmarks
- Advanced editing tools
- Editing shared geometry
- The ArcToolbox
- Mosaics and raster catalogues
- Simple joins & relates
- 'Live' links to databases
- Spatial joins
- Effects tools
- Setting transparency
- Advanced data import & export





## ArcGIS Pro foundation training course content

### Day one

- Database and GIS theory
- Map projections
- Working with British National Grid
- Starting ArcGIS Pro and creating a project
- Creating a new file and adding data
- Changing symbology
- Zoom, layering & scale ranges
- Table of contents and the attribute tool
- Moving around a map and measurements
- Making use of graphic layer
- Creating a new dataset in ArcGIS Pro
- Drawing simple features
- Copying and tracing features
- Adding attribute data
- Adding new fields to the attribute table
- Deleting and modifying existing features

### Day two

- Complex graphic objects
- Labelling and annotation
- Calculating attribute values
- Selecting objects by attribute/location
- Creating thematic maps
- Saving and applying symbology
- Importing data from other applications and creating new map features
- Creating buffers
- Creating hyperlinks
- Creating a map template and printing a site plan
- Georeferencing raster images (optional)
- Creating a graph (optional)

**Call us now on 0333 011 1200 or email [enquiries@idoxgroup.com](mailto:enquiries@idoxgroup.com) to find out more about our ArcGIS training courses.**

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