ArcGIS® Desktop 10
2-day Advanced

SALFORD GIS

Course Prerequisites

Delegates must have some experience with ArcGIS® Desktop or have attended an ArcGIS® Introduction level course. Familiarity with the basic operation of ArcMap and ArcCatalog, and an understanding of the use of Layers and Layer Properties; Data Frames; Map Documents; Selections; Basic Editing; Attribute Joins, is assumed.

If you are in any doubt about which course would be most suitable, please call or email us to discuss your needs.

N.B. The course is based on the ArcGIS Desktop "Basic" licence without extensions.

1. Geodatabases
- Introduction to geodatabases
- Creating geodatabases
- Sub-types and attribute domains
- Compacting
- Importing and exporting data

2. Advanced Labelling
- Labelling v annotation
- Using label classes
- Label expressions
- Label priority and conflict
- Maplex label engine
- Use of annotations

3. Data Output
- Review of layouts and templates
- Use of extent indicators
- Data driven pages
- Dynamic text
- Layer packages and map packages
- PDF export

4. Advanced Symbology
- Review of basic symbology
- Symbol style references
- Symbol property editor
- Symbol levels
- Importing symbology
- Visualisation of temporal data

5. Graphs & Reports
- Review of attribute queries and definition queries
- Summarizing data
- Summary statistics (ArcToolbox)
- Creating reports
- Creating graphs

6. Advanced Editing
- Use of Snapping Environment
- Advanced Editing Functions
- Creating Multi-Part & Donut Features
- Other Feature Creation Methods
- Map Topology
- Using Field Calculator

7. Working with Rasters
- Adding Image Layers
- Raster Layer Properties
- Pyramid Layers
- Georeferencing
- Organising Raster Data
- Raster Catalog
- Raster Display Tools

8. ArcToolbox & Geoprocessing
- Introducing the ArcToolbox Menus
- Searching for Tools
- Creating your own Toolbox

9. Modelbuilder
- What is ModelBuilder?
- Adding Tools and Data
- Model Parameters
- Intermediate data
- Model Labels
- Saving and Running Models