



INSTRUCTOR-LED
TRAINING

www.mappamondogis.com



INTRODUCTION TO ArcGIS 10

(16 hours)

Overview

Welcome to ArcGIS®. Here begins the foundation for becoming a successful ArcView®, ArcEditor™, or ArcInfo™ user. This course covers fundamental GIS concepts as well as how to query a GIS database, manipulate tabular data, edit spatial and attribute data, and present data clearly and efficiently using maps and charts. Participants learn how to use ArcMap™, ArcCatalog™, and ArcToolbox™ and explore how these applications work together to provide a complete GIS software solution.

Students Receive:

- Manuals including lecture content and exercises
- GIS tutorial data
- Course certificate upon completion
- An understanding of fundamental GIS concepts
- Ability to use the ArcGIS software

Prerequisites and recommendations

Participants should know how to use a PC with Windows OS.

Topics covered

1. Introduction to Geographic Information Systems: definitions, concepts and examples
2. How to organize spatial data in a GIS
3. An overview of ArcMap: Visualizing and analysing spatial data
4. An overview of ArcCatalog: Managing spatial data
5. Select and query spatial and attribute data
6. Working with tables: join, relate and spatial join
7. Spatial analysis and geoprocessing with ArcToolbox
8. Projected and geographic coordinate systems; georeferencing data
9. Creating, importing and editing spatial data
10. Creating a map and displaying results effectively

Further Information

Mappamondo GIS

Email: info@mappamondogis.com

URL: <http://www.mappamondogis.com>