Introduction to ArcGIS Training
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Date: Tuesday, September 11th, and Wednesday, September 12th, 2007

Time: 8:30 am to 4:30 pm
Breaks and lunch to be determined at the onset of the class.

Location: 1323 E. 71st St., Ste. 102 Tulsa (Training Room)

Cost: $800.00 per student (materials included)

Who: OPEN TO EVERYONE

Classroom Education—Introduction to ArcGIS I

ArcGIS Desktop is ESRI's full-featured GIS software for visualizing, creating, managing, and analyzing geographic data. This course provides the foundation for becoming a successful ArcGIS Desktop user. Students learn fundamental GIS concepts and become familiar with the range of functionality available in the software. In course exercises, they work with ArcGIS Desktop and see how it provides a complete GIS software solution.

Those completing this course will be able to:

• Describe the structure of ArcGIS Desktop software.
• Display geographic data.
• Query a GIS database.
• Edit geographic data.
• Associate tables using joins and relates.
• Create maps, reports, and graphs.

Topics covered
• ArcGIS overview: Capabilities and applications; Interacting with the interface; Basic display.
• Spatial data concepts: Representing spatial data and descriptive information.
• ArcGIS data model: Geodatabases; Shapefiles; Coverages; Feature types; Attributes.
• GIS software: Components; Functions; Applications.
• Spatial coordinate systems and map projections: Georeferencing data; What map projections are; How ArcMap works with map projections.
• Querying data: Selecting and identifying features; Creating reports and graphs.
• Map displays: Creating; Symbolizing; Scaling; Adding map elements.